The Migrant

A Quarterly Journal
Devoted To Tennessee Birds

Published by
The Tennessee
Ornithological
Society

MARCH 2020
Vol. 91, No. 1

THE MIGRANT
A QUARTERLY JOURNAL OF ORNITHOLOGY
PUBLISHED BY

THE TENNESSEE ORNITHOLOGICAL SOCIETY
The TOS is a non-profit, educational, scientific and conservation organization.

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Tennessee Ornithological Society, 5886 Wilshire Drive, Nashville, TN 37215
Printed by: Russell Printing Options, 1800 Grand Ave., Knoxville, TN 37916
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THE MIGRANT

Published by the Tennessee Ornithological Society
to Record and Encourage the Study of Birds in Tennessee
Issued in March, June, September and December

VOL. 91 MARCH 2020 NO. 1

The Migrant 91(1): 1-4, 2020

LEAST BITTERN AND PIED-BILLED GREBE NESTING AT BLACK BAYOU REFUGE, LAKE COUNTY, TENNESSEE IN 2011

Scott G. Somershoe
Littleton, Colorado

In late May and mid-June 2011, I conducted informal surveys of the marshes at Black Bayou Refuge, Lake County, Tennessee for nesting Least Bitterns (*Ixobrychus exilis*). Least Bitterns had been documented nesting at this site in the early 2000s (Winstead and King 2006), but there is a general lack of information about the status of the species in the state and even less information about nesting. I documented five active Least Bittern nests and six Pied-billed Grebe (*Podilymbus podiceps*) nests in a small area of the state wildlife refuge.

On 25 May 2011, I conducted a survey of the marsh and discovered one Least Bittern nest with one egg by accidentally flushing an adult off the nest. I found no nests on 26 May. On 16 June, I found five nests with eggs (three nests with one egg and two nests with five eggs) all with adults flushing or being present nearby. The nest first found on 25 May with one egg had five eggs when I checked on 16 June (Figure 1). I did not observe any nests with young. I also found at least four nests with no eggs. It is unknown as to whether these empty nests had failed and the active nests were replacement nests, but Least Bitterns are known to replace lost nests (Poole at al. 2009). All nests were located in a small area of approximately 2.3 acres (1 ha) on the west side of the main levee road that runs generally northeast to southwest. I found no Least Bittern nests on the east side of the levee as the water was either too deep to support marsh vegetation or was too wooded and did not support sufficient suitable nesting habitat. I was unable to conduct subsequent visits to follow up throughout the breeding season to assess nesting success due to time constraints. Water level decreased noticeably between the May and June visits, possibly increasing accessibility by ground based predators, e.g., raccoons, thus providing further incentive not to return and disturb nesting birds.

Figure 1. A Least Bittern nest discovered at Black Bayou Refuge, Lake County, Tennessee.
Photo by Scott G. Somershoe.

Figure 2. Pied-billed Grebe nest in relatively small numbers across Tennessee; this nest with 6 eggs was documented at Black Bayou Refuge, Lake County, Tennessee.
Photo by Scott G. Somershoe.

I detected the majority of Least Bitterns by flushing them out of the marsh rather than by hearing vocalizations, which is not surprising considering their generally secretive nature. Bill Pulliam reported 12 Least Bitterns, all detected by vocalizations without observing any individuals, on an afternoon visit to the site on 4 June 2011, which was between my May and June survey dates. The maximum number of adult Least Bitterns I detected on a survey day was eight, thus suggesting I was not detecting all the birds present on site as I had five simultaneously active nests.

While systematically looking for Least Bittern nests, I also discovered at least six Pied-billed Grebe nests containing eggs and appearing to be active (Figure 2). One nest had exposed eggs when I found it, but when I returned 15 minutes later with a camera, the eggs

were covered by wet vegetation. I did not detect an adult Pied-billed Grebe at this specific nest. The grebes were especially secretive as there were several active nests in the small survey area. In three survey days, I observed only one Pied-billed Grebe, but heard a few presumed grebes calling and splashing as they fled nests upon my approach. Pied-billed Grebe nests were found primarily on the west side of the main levee, but I discovered two active nests on the edge of the marsh on the east side. Although Pied-billed Grebes have been reported in small numbers in June and July across the state, confirmation of nesting is rare and has generally been by observation of recently fledged, flightless young (Nicholson 1997). Pied-billed Grebe nesting may be more common in marshes across the state than previously known due to the very secretive nature of the birds during the nesting period.

Although the occupied marsh site was small, approximately 2.3 acre (approximately 1 ha), the density of Least Bittern nests was quite high at 2.0 nests per acre (5 nests per ha). Least Bitterns are not typically colonial nesting species (Figure 3); nests are not in close proximity (Poole et al. 2009), and nest densities are typically <1 nest per acre (Kushlan 1973, Poole et al. 2009). Higher densities of nests have been reported when habitat conditions are apparently optimal for the species. Densities of 1.2-6.1 nests per acre (1-15 nests per ha) have been reported in Iowa (Kent 1951, Palmer 1962, Weller and Spatcher 1965), 1.2 to 4.9 nests per acre (3-12 nests per ha) in South Carolina (Post 1998), and an exception of 171 nests per acre in an extreme situation in Florida (Kushlan 1973).

Figure 3. Least Bitterns are secretive marsh birds and were most often detected by flushing or observation deep in vegetation. Photo by Scott Somershoe.

The nest density of Pied-billed Grebes was approximately 2 nests per acre (6 nests per 1.3 ha). Muller and Storer (1999) did not report grebe nest densities, but density of pairs were very low in North Dakota wetlands, ranging from 0.01-0.05 pairs per acre (0.01-0.12 pairs per ha).

One Common Gallinule (*Gallinula galeata*) was heard on 25 May, and one was observed at close range on 26 May. Bill Pulliam reported 10 Common Gallinules on 4 June 2011, most were heard only. Although I searched the marshes thoroughly, I did not document a Common Gallinule nest on my surveys. Pulliam's report indicated Common Gallinules were apparently much more common on site than I detected and possibly had not yet begun nesting or were not breeding on site. Common Gallinules historically nested commonly in several areas around Reelfoot Lake (Nicholson 1997), but have been reported infrequently in recent years.

Shallow water marshes are uncommon in Tennessee, and few areas are managed to support this habitat type. This informal survey suggests that even relatively small areas (5 acres/2 ha) can support modest numbers of nesting secretive marsh birds. Call-playback surveys and subsequent nest surveys targeting secretive marsh birds could yield vast new information on the population and nesting status of many species in the state. Larger wetlands complexes across Tennessee may support largely unknown populations of breeding Least Bittern, Pied-billed Grebe, Common Gallinule, and other lesser known marsh nesting species in Tennessee, including Virginia Rail (*Rallus limicola*) and Sora (*Porzana carolina*) (Applegate 2006).

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ROUND TABLE NOTES

TEXAS RECOVERY OF A BIRD BANDED IN TENNESSEE - I have been banding birds at Greenway Farms in Hixson, Hamilton County, Tennessee since 2004. In that time, I have banded over 5,600 birds. A few of these are recoveries of resident species (a recovery means a banded bird was found dead, as opposed to a recapture, which means the bird was alive). All were found 8-16 km from Greenway Farms. Recoveries of many nongame species are rare events. According to the United States Geological Survey Bird Banding Laboratory (BBL), since 1960, 39 million passerines and near passerines (e.g. woodpeckers, hummingbirds) have been banded, but only 531,000 have been recovered.

On 7 September 2009, I banded an adult female Magnolia Warbler (*Setophaga magnolia*). On 13 June 2019, I received a note from the BBL that someone had found the skeleton of that bird with the band in Winnie, Texas. Winnie is 40 km southwest of Beaumont, Texas, and about 35 km north of Anahuac National Wildlife Refuge. Since the find was a skeleton, it is impossible to determine whether it met its demise during spring or fall migration; however, it is one more data point for the migratory connectivity of Magnolia Warblers. This is the farthest recovery distance I have had of any of my banded birds. According to BBL records, 301,764 Magnolia Warblers have been banded as of 1 December 2019, and only 252 have been recovered which makes this recovery even more extraordinary (ASFWS 2019).

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[USFWS] United States Fish and Wildlife Service. 2019. Summaries of Banding and Encounter Data. Magnolia Warbler Recovery Data 2009. USDI, Fish and Wildlife Service, Reston, (VA): https://www.pwrc.usgs.gov/BBL/homepage/howmany.cfm.

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University of Tennessee at Chattanooga

ONGOING BALD EAGLE HACKING SUCCESS -- In May 2019 I received a photograph of a banded Bald Eagle (*Haliaeetus leucocephalus*) taken at Clay Bay on Kentucky Lake, Stewart County, Tennessee (Figure 1). Clearly visible was the Federal metal band on one leg and a green auxiliary band on the other leg with H51 on it (Figure 2). The photographer was seeking information on the bird, and I agreed to help. I sent emails to some contacts, and a few days later received good news from the Indiana Department of Natural Resources (DNR). They confirmed that the green auxiliary band was one they deployed during the time they were actively hacking and tracking Bald Eagles in the late 80s and 90s. A search of their old files revealed that H51 (Federal Band # 629-40062) hatched on 31 May 1996 at the Ramp Creek nest site on Monroe Lake near Bloomington, Indiana and was banded there as a hatchling. Thus, H51 is 23 years old. I passed on the information to the photographer, Mel Cunningham. In the meantime, Mel had been perusing her old photos and sent me another picture of H51 (bands clearly visible) that was taken in 2006 at Clay Bay.

Further inquiries with retired Indiana DNR biologist John Castrale revealed that H51 had even earlier ties to Tennessee. One parent (white wing tag #31; Federal band #629-31845) was taken as a nestling from Alaska in 1990 and released at the Scottsboro Reservoir hacking site 10 miles west of Nashville on 5 September 1990. Eagle #31 was spotted and reported 4 years later on the Huntsville Reservoir on 22 January 1994, and by 7 March 1995 was observed, confirmed and nicknamed "Tennessee" as one of the pair of eagles at the Ramp Creek nest site on Monroe Lake. Unfortunately #31's mate was not banded so that bird's identity remains unknown.

And the breeding success continues: H51 and its mate are currently feeding their two nestlings on Clay Bay in Stewart County, where they have nested since at least 2006.

Cyndi Routledge, Clarksville, Tennessee

Figure 1. An adult Bald Eagle with leg bands was observed at Clay Bay, Stewart County, Tennessee in May 2019. Photo by Mel Cunningham

Figure 2. Close inspection revealed the bands on the Bald Eagle at Clay Bay had the number H51, enabling the discovery of the bird's history. Photo by Mel Cunningham

THE 2019 TENNESSEE CHRISTMAS BIRD COUNT SUMMARY

Ron Hoff
Loudon, Tennessee

The 2019 Tennessee Christmas Bird Count (CBC) season was the 76th consecutive compilation of CBCs in Tennessee (begun in 1930), and the 89th overall (no count was reported for 1943). Twenty-eight counts reported data this season. This represented 159 species, plus 2 count week species. The weather across the state was variable and mixed, with some counts experiencing light rain and several counts dealing with windy conditions. Temperatures ranged from a chilly 24° F at Fayette County to a relatively toasty 75° F at Bristol.

A Wilson's Warbler was a new species for the state CBC, bringing the all-time species total to 272. Formerly it was a count-week only species. Other count highlights included Eurasian Wigeon, Common Merganser, Ruffed Grouse, Western Grebe, Long-billed Dowitcher, Red-throated and Pacific Loons, Green Heron, Yellow-crowned Night-Heron, Osprey, Rough-legged Hawk, Short-eared Owl, Northern Rough-winged Swallow, Blue-gray Gnatcatcher, Harris's Sparrow, Western Meadowlark, Tennessee Warbler, and Indigo Bunting.

The following species were recorded in record or unusually high numbers for this compilation: Cackling Goose, Red-shouldered Hawk, Blue-headed Vireo, Sedge Wren, Marsh Wren, Gray Catbird (tie), and Tennessee Warbler. Record low or notably low totals were recorded for Canada Goose, Red-tailed Hawk, American Kestrel, Loggerhead Shrike, American Goldfinch, and Eastern Meadowlark. Scoters and Long-tailed Duck were not observed. Irruptive finches were all recorded in low numbers.

Please note that count summaries are in alphabetical order; count compilations read from west to east.

COUNT SUMMARIES

cw = count week species (3 days before and 3 days after actual count date, but not on count day)
F/Y = feeder/yard watcher

BIG SANDY - BGSA (36.34050, -88.08210) - 16 December; 0600-1900. Weather: heavy rain; 42-46° F. Notable finds included Barrow's Goldeneye, Red-throated Loon, and Pine Siskin. Observers: Sharon Arnold, Clay Bliznick, Tammy Devine, Mark Greene, Joseph Hall, Andrew Lydeard, Daniel Redwine, Ruben Stoll (co-compiler), Victor Stoll (co-compiler), Mike Todd, and Alan Troyer.

BRISTOL – BRST (36.58300°, -82.10000°) – 29 December; 0730-1730. Weather: cloudy; wind W 0-5 mph; 56-75° F. Highlights included Snow Goose, Mute Swan, and two Barn Owls. Observers: Rob Biller, Allen Boynton, Cade Campbell, Ron Carrico, Ben Cowen,

Angela Cross, Rack Cross, JoAnn Detta, Sam Evans, Ron Harrington, Marty Huber, Rick Knight, Roy Knispel, Phillip Lewis, Richard Lewis (compiler), Larry McDaniel, Ed Morgan, Peter Morgan, Adrianna Nelson, Chris O'Bryan, and Michelle Sparks.

BUFFALO RIVER – BUFF (35.30000°, -87.46700°) – 17 December; 0630-1715. Weather: drizzle, snow flurries early; wind NW 0-10 mph; 33-38° F. A Green Heron was notable. Observers: Don Beckman, Keith Fraser, Tim Hartsfield, Paul Kittle, Frances Markine, Gary Markine, Roy McKey, Royce Neidert, Cynthia Rohrbach, Damien Simbeck (co-compiler), Don Simbeck (co-compiler), and Soiree-Leone Sinclair.

CADE'S COVE - CADE (35.60000°, -83.83300°) – 9 December; 0730-1730. Weather: unseasonably warm and windy; 60-73° F. Sedge Wren was a new species. Other notable sightings included Short-eared Owl, and Palm and Pine warblers. Observers: Jean Alexander, Mark Armstrong, Kat Barrow, Warren Bielenberg, Andrea Bratcher, Wanda DeWaard, Julianne Geleynse, Paul Hartigan, Tom Howe, Jim Human, David Johnson, Lisa Nagumy, Logan Rosenberg, Barry Spruce, Harumi Tsuruoka, and June Welch. Susan Hoyle (non-participating co-compiler).

CHATTANOOGA – CHAT (35.10000°, -85.23300°) – 14 December; 0600-1800. Weather: clear; 42-54° F. Pacific Loon and Northern Rough-winged Swallow were new species. Other highlights included Osprey, Sora, Peregrine Falcon, Marsh Wren, and Lincoln's Sparrow. Observers: David Aborn, Tim Baker, Barbara Baldwin, Tim Baldwin, Harold Birch, Gary Brunvoll, Kevin Calhoon (compiler), John Dever, John Diener, Bruce Dralle, Danny Gaddy, William Haley, Daniel Jacobson, Kathy Jacobson, Gary Lanham, Pixie Lanham, Barbara McMahan, Mike McMahan, Jeremy Rardin, Tommie Rogers, Debbi Shannon, Roi Shannon, David Stone, Carl Swafford, Kevin Thompson, and Luke Thompson.

CLARKSVILLE – CLRK (36.50000°, -87.38300°) – 14 December; 0700-1630. Weather: cloudy to overcast; wind NW 5-10 mph (with gusts to 18 mph); 40-47° F. Notable sightings included Greater White-fronted and Cackling geese and Blue-headed Vireo. Observers: Sharon Arnold, Jackie Bastin, Suva Bastin, Shivish Bhandari, Tammy Devine, Joe Hall, Deborah Hamilton (compiler), Steve Hamilton, Nita Heilman (F/Y), Rosalund Kurita (F/Y), Daniel Moss, Cyndi Routledge, Steve Routledge, Nicole Santoyo, Joe Schiller, Sally Schiller (F/Y), Brandy Schnettler, Paul Schwab, Rick Shipkowski, and Stanley York (F/Y).

CROSSVILLE - CRSV (35.86200°, -85.01800°) – 21 December; 0530-1700. Weather: overcast; wind S 0-5 mph; 37-52° F. Four Blue-winged Teal were notable. Observers: Nan E. Beesley, Douglas A. Downs, Annell S. Fields, Janie Finch, Ric Finch, Martha K. Hale, Rebecca Kilmer, Edmund K. LeGrand (compiler), Allen Nabors, Stephen J. Stedman, Kathryn Uziell, and Margaret Weirich.

DUCK RIVER – DUCK (35.53300°, -86.90000°) - 21 December; 0530-1730. Weather: cloudy; 37-56° F. Virginia Rail, Fish Crow, Lapland Longspur, and Indigo Bunting were new

species. Eurasian Wigeon, Blue-gray Gnatcatcher, and Harris's Sparrow were other notable finds. Observers: Sharon Arnold, Adam Beachy, Evan Beachy, Jamin Beachy, Jubal Beachy, Ruthanna Beachy, Seth Beachy, Joseph Byler, Tammy Devine, Joe Hall, David Kinsinger, Joanna Molner, Victor Stoll, Allen Trently, and Alan Troyer. Ruben Stoll (non-participating co-compiler).

ELIZABETHTON - ELIZ (36.33300°, -82.12300°) – 14 December; 0530-1730. Weather: overcast, light rain; wind W 5-15 mph; 40-47° F. Highlights included Ruffed Grouse and Pine Warbler. Observers: Jerry Bevins, Rob Biller, Kevin Brooks, Debi Campbell, J. G. Campbell, Dianne Draper, Glen Eller, Harry Lee Farthing, Dave Gardner, Carl Hacker, Jacki Hinshaw, Don Holt, Connie Irick, David Irick, Rick Knight (compiler), Roy Knispel, Vern Maddux, Larry McDaniel, Joe McGuiness, Eric Middlemass, Brookie Potter, Jean Potter, Pete Range, Brenda Richards, Judi Sawyer, Chris Soto, Bryan Stevens, Kim Stroud, Diana Tucker, and Scott Turner.

FAYETTE COUNTY – FAYE (35.20000°, -89.42000°) – 19 December; 0700-1620. Weather: clear; wind E 3-8 mph; 24-49° F. Bufflehead was a new species. Green-winged Teal and Orange-crowned Warbler were also notable. Observers: Judy Dorsey, Kate Gooch (co-compiler), Van Harris, Kay Lait, Dick Preston, Agnes Stark, Allen Trently, Martha Waldron and Dick Whittington. Fields Falcone (non-participating co-compiler).

FRANKLIN/COFFEE COUNTIES – FRCO (35.30200°, -86.05700°) – 14 December; 0800-1230. Weather: light rain to clear; wind SW 5-8 mph; 28-41° F. Notable finds included Loggerhead Shrike and American Pipit. Observers: Dwain Adams, Joyce Adams, Larry Bowers, Jim Harwell, Rachel Harwell, Cheryl King, Murray King, John Lamb, Monica Oosting, Kerry Syler, and Marie Syler.

GREAT SMOKY MOUNTAINS NATIONAL PARK – GSNP (35.71700°, -83.48300°) – 21 December; 0645-1745. Weather: cloudy to partly clear; 31-45°F. Yellow-crowned Night-Heron was a new species, Merlin and Black-capped Chickadee were notable finds. Observers: Mark Armstrong, Kat Barrow, Warren Bielenberg (compiler), Daniel Geleynse, Julianne Geleynse, Bob Howdeshell, Tom Howe, Susan Hoyle, Kirk Huffstater, Kyle Huffstater, Kristine Johnson, Chris Meyers, Martha Rudolph, Andy Troutman, Debbie Troutman, Jeff Troutman, Harumi Umi, Don Utterback, Ken Voorhis, and Keith Watson.

HICKORY-PRIEST – HKPR (36.20000°, -86.66700°) – 1 January; 0500-1730. Weather: partly cloudy; wind 0 to 13 mph; 29-52° F. Notable sightings included Western Grebe, Pacific Loon, and Tennessee Warbler. Observers: Phillip Casteel, Richard Connors (co-compiler), Jerry Drewry, Richard Fox, Tarcila Fox (coordinator), Graham Gerdeman, Mark Hackney, Joe Hall, Bob Ingle, Judy Luna, Ken Oeser, Abra Osorio, Micah Punochar (F/Y), Jordan Rex, Sarah Scott, Michael Smith, Josh Stevenson, and Joe Stone. Scott Block (non-participating co-compiler).

HIWASSEE – HIWA (35.36700°, -84.90000°) – 1 January; 0600-1800. Weather: clear; 32-53° F. Highlights included three immature Tundra Swans, Snow Goose, American White Pelican, Least Sandpiper, and Purple Finch. Observers: David Aborn, Harold Birch, Gary Brunvoll, Kevin Calhoon (compiler), John Dever, John Diener, Lizzie Diener, Danny Gaddy, William Haley, Rick Houlk, Laura Lewis, Charles Murray, Tommie Rogers, Kevin Thompson, Luke Thompson, and Libby Wolfe.

JACKSON – JKSN (35.61700°, -88.81700°) – 4 January; 0630-1730. Weather: clear to cloudy, wind: W 10-20 mph; 37-55° F. Snow Goose and Ross's Goose were found in record number. Horned Lark was notable. Observers: Bob Ford, Eliza Ford, Mark Greene (compiler), Rick Light, Beth Peterson, Kathy Sellars, and Allan Trently.

KINGSPORT - KING (36.50000°, -82.51370°) - 28 December; 0545-1730. Weather: fog early, partly cloudy; 33-66° F. Highlights included Northern Bobwhite, Merlin, and Gray Catbird. Observers: Beth Baily, Betty Bailey, Gary Bailey, Rob Biller, Belinda Bridwell, George Bridwell, Ben Chaney, Sunny Chaney, Ben Cowan, Joy Eastridge, Bambi Fincher, Tammy Griffey, William Grigsby (compiler), Jean Henson, Neal Henson, Mike Hubley, Susan Hubley, Rick Knight, Roy Knispel, Priscilla Little, Cathy McNeil, Tom McNeil, Harry Norman, Christina Ott, Frank Ottman, Pat Ottman, Sherrie Quillen, Michele Sparks, Joyce Watson, and Frank Whitfield.

KNOXVILLE - KNOX (35.91700°, -84.08300°) – 28 December; 0630-1730. Weather: cloudy; wind: N 0-6 mph; 48-69° F. A Wilson's Warbler was a new species for the Tennessee CBC. Red-breasted Nuthatch and Marsh Wren were also notable. Observers: Melissa Abbey, Mark Armstrong, Stephen Lyn Bales, Rachel Barker, DeeDee Blaine, Dona Carberry, Gail Clendenen, Steve Clendenen, Howard Cox, Abigail Duvall, Karen Eagle, K. Dean Edwards (compiler), Ashley Epstein, Jim Evans, Patty Ford, Carole Gobert, Cheryl Greenacre, Dottie Habel, Paul Hartigan, Vickie Henderson, Katie Heying, Ron Hoff, Angela Hoffman, Tom Howe, David Howell, Susan Hoyle, James Human, Craig Jager, Henrietta Jager, Kristine Johnson, Evan Kidd, Jerry Ledbetter, Morton Massey, Seth McConchie, Janet Lee McKnight, Jennifer Miller, Dollyann Myers, Charles P. Nicholson, Joseph Pyle, Dawson Rader, Talissa Ralph, Kelly Roy, Martha Rudolph, Michael Ryon, Elizabeth Schilling, Barry Spruce, Nickolus Stahlman, Linda Steffens, Laura Tappan, Jimmy Tucker, Merikay Waldvogel, Chris Welsh, Eddy Whitson, and Valerie Wininger.

LEBANON - LEBN (36.19440, -86.38920) – 4 January; 0730-1615. Weather: cloudy to partly clear with light sleet at midday; 37-50° F. A single Purple Finch was notable. Observers: William Fissell, Susan Lanier, George Robertson, Linda Robertson, Carole Swann, Geri Tomerlin, Greg Tomerlin, JosEllen Turrentine, Melissa Turrentine, Roy Turrentine, Jeffery Walck, and Stephen Zipperer (compiler).

MEMPHIS - MPHS (35.15000°, -89.93300°) – 15 December; 0600-1700. Weather: clear to light rain; wind: NW 3-16 mph; 42-62° F. Highlights included Blue-headed Vireo, Sedge

Wren, Gray Catbird, and Vesper and Lincoln's sparrows. Observers: Betty Blaylock, David Blaylock, Chad Brown, Mary Bruno, Sue Cosmini, Judy Dorsey, Gregg Elliot, Sue Ferguson, Mary Ganaway, Kate Gooch, Van Harris, Scott Heppel, David Hilgeman, Margaret Jefferson (compiler), Lisa Jorgensen, Keith Kunkel, Georges McNeil, George Payne, Gaynell Perry, Dick Preston, Mary Schmidt, Kathy Souther, Allen Sparks, Edwin Thomas, Cliff VanNorstrand, Jim Varner, Nitya Vittal, Steven Wagner, Martha Waldron, and Jay Walko.

NASHVILLE - NASH (36.05000°, -86.93300°) – 14 December; 0414-1600. Weather: overcast; with light wind; 38-52° F. Snow Goose, Gray Catbird, and Tennessee Warbler were notable. Observers: Rachel Anderson, Kim Bailey, Kristy Baker, Hugh Barger, Sandy Bivens, Kevin Bowden, Susan Bradfield, Trae Bradfield, Jean Buchanan, Richard Connors, Susan Duvenhage, Francis Fekel, Bill Fissell, Paula Flynn, Tarcila Fox, John Froeschauer, Graham Gerdeman, Steve Goodbred, Mary Healy, John Kell, Helen Kornblum, Andy Lantz, Denis Lovell, Judy Luna, Betty McGraw, Roy McGraw, Camille Monohan, Emily Moorman, Brickey Nichols, Abra Osorio, Amy Pardo, Amy Potter, Polly Rooker, Susie Russenberger, Sarah Scott, Tom Seador, Jan Shaw, Danny Shelton, Mike Smith, Jo Ann Staples, Laurel Staples, Josh Stevenson, Jerry Webb, and Mary Zimmerman. Non-participating co-compiler: Scott Block.

NICKAJACK LAKE - NICK (35.06700°, -85.51700°) – 21 December; 0530-1900. Weather: cloudy; 39-55° F. Highlights included Common Merganser, Loggerhead Shrike, and Blue-headed Vireo. Observers: Harold Birch, Betsy Bowden, Bruce Dralle (compiler), Traci Dralle, Danny Gaddy, Tommie Rogers, Debbie Shannon, Roi Shannon, and Libby Wolfe.

NORRIS - NORR (36.21700°, -84.08300°) - 14 December. Weather: cloudy with light rain; 45-47° F. Observers: Meredith Clebsch, Karen Eagle, Chuck Estes, Lola Estes, Tony Headrick, Susan Hoyle, Wesley James, Bill Keeler, Morton Massey, Charles Nicholson (compiler), Martha Rudolph, and Dan Thomas.

PERRY COUNTY - PRRY (35.70800°, -87.77500°) - 25 December; 0620-1730. Weather: partly sunny to mostly cloudy; light wind; 35-66° F. Highlights included Snow Goose, White-fronted Goose, Tundra Swan, Golden Eagle, and a count week Long-eared Owl. Observers: Adam Beachy, Evan Beachy, Seth Beachy, Joseph Byler, Ruben Stoll (compiler), Victor Stoll, Alan Troyer, and Leona Troyer.

REELFOOT LAKE – REEL (36.41700°, -89.38300°) – 14 December; 0545-1730. Weather: foggy to light rain; wind: NE 7-11 mph; 34-48° F. Blue-headed Vireo was a new species. Observers: Clay Bliznick, Bob Foehring, Mark Greene (compiler), Rob Harbin, Andrew Lydeard, Hal Mitchell, Brainard Palmer-Ball, Kathy Sellars, Ruben Stoll, Victor Stoll, Mike Todd, Allan Trently, Alan Troyer, Donna Ward, and Steve Yarbrough.

ROAN MOUNTAIN - ROAN (36.10600°, -82.11100°) – 15 December; 0600-1730.

Weather: cloudy to clear; wind: SW 5-15 mph; 31-54° F. Twenty-seven Common Ravens were notable. Observers: Kevin Brooks, Heather Godsey, Rick Knight (compiler), Roy Knispel, Judi Sawyer, Amber Stanley, Chelsey Walters, and Charles Warden.

SAVANNAH - SAVA (35.13300°, -88.15000°) – 23 December; 0630-1715. Weather: cloudy to partly cloudy; wind: N 5-15 mph; 51-67° F. Highlights included Golden Eagle, Virginia Rail, Barn Owl, Blue-headed Vireo, Common Yellowthroat, and Vesper Sparrow. Observers: Dwight Cooley, Jeff Garner, Rob Harbin, Warren Massey, Floyd Sherrod, Damien Simbeck (compiler), Ruben Stoll, Victor Stoll, Andrew Suddith, Allen Trently, Jennifer Trently, and Ken Ward.

SHADY VALLEY/MOUNTAIN CITY – SHDY (36.50000°, -81.85000°) – 1 January; 0615-1630. Weather: cloudy to partly cloudy; wind: E 5-20 mph; 28-45° F. Highlights included Bald Eagle, Brown Thrasher, American Pipit, and Red Crossbill. Observers: Robert Biller (co-compiler), Cade Campbell, Ann Cowen, Ben Cowen, Rick Knight, Roy Knispel, Phillip Lewis, Richard Lewis, Cathy McNeil, Thomas McNeil (co-compiler), Adrianna Nelson, and Michele Sparks.

WHITE COUNTY - WHTE (35.90800°, -85.59800°) – 14 December; 0525-1630. Weather: light rain to cloudy; 42-48° F. Highlights included Merlin and Loggerhead Shrike. Observers: Douglas A. Downs (compiler), Michael Hawkins, Susan McWhirter, Allen Nabors, and Kathryn Uziel.

2019 TENNESEE CBC

Count name	MPHS	FAYE	REEL	JACK	SAVA	BGSA	DUCK	PRRY	BUFF	CLRK	NASH	HKPR	LEBN
Count date	15-Dec	19-Dec	14-Dec	4-Jan	23-Dec	16-Dec	21-Dec	25-Dec	17-Dec	14-Dec	14-Dec	1-Jan	4-Jan
Snow Goose	93	-	11564	500	1	305	4000	1	-	-	59	-	-
Ross's Goose	-	-	28	4	-	1	100	-	-	-	-	-	-
Greater White-fronted Goose	-	-	2302	-	-	112	6000	7	-	3	-	-	-
Cackling Goose	-	-	-	-	-	-	479	-	-	1	-	-	-
Canada Goose	506	80	252	73	257	46	400	280	261	84	110	328	227
Goose sp.	-	-	-	-	-	-	-	-	-	3	-	-	-
Mute Swan	-	-	-	-	-	-	-	-	-	-	-	-	-
Tundra Swan	-	-	-	-	-	-	-	1	-	-	-	-	-
Wood Duck	6	-	28	10	14	3	39	13	-	2	-	-	-
Blue-winged Teal	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Shoveler	17	-	56	-	18	11	289	25	-	-	-	13	1
Gadwall	177	-	1167	5	12	4813	10000	355	-	1	52	36	55
Eurasian Wigeon	-	-	-	-	-	-	1	-	-	-	-	-	-
American Wigeon	-	-	56	-	-	68	1200	125	-	-	-	-	-
Mallard	119	2	5742	20	67	7750	25000	3100	20	14	23	329	84
American Black Duck	-	-	1	-	-	34	40	2	-	-	-	4	-
Northern Pintail	2	-	343	-	-	175	4000	3250	-	-	-	-	-
Green-winged Teal	-	2	747	-	1	353	8200	13	-	cw	2	-	-
Canvasback	7	-	34	-	-	501	230	11	-	-	-	-	-
Redhead	-	-	12	-	-	45	7	8	-	-	-	-	-
Ring-necked Duck	94	-	114	-	17	275	4000	148	-	-	23	-	-
Greater Scaup	-	-	5	-	1	13	55	-	-	-	-	-	-
Lesser Scaup	11	-	1096	-	203	881	255	2	-	-	-	-	-
Scaup sp.	-	-	-	-	-	-	-	-	3	-	-	-	-
Bufflehead	35	7	562	-	92	326	900	2	-	-	-	62	-
Common Goldeneye	-	-	22	1	51	1168	80	-	-	-	-	15	-
Barrow's Goldeneye	-	-	-	-	-	1	-	-	-	-	-	-	-
Hooded Merganser	54	2	22	2	2	26	300	2	-	16	-	49	3
Common Merganser	-	-	-	-	-	-	-	-	-	-	-	-	-
Red-breasted Merganser	-	-	11	-	-	13	5	14	-	1	-	-	-
Ruddy Duck	28	-	8463	-	-	10	30	-	-	-	37	11	24
Northern Bobwhite	-	-	1	-	-	-	2	2	-	-	-	-	-
Ruffed Grouse	-	-	-	-	-	-	-	-	-	-	-	-	-
Wild Turkey	6	-	32	1	8	40	12	7	31	96	55	4	119
Pied-billed Grebe	17	-	85	1	169	17	39	5	3	1	-	72	21
Horned Grebe	-	-	24	-	31	22	8	-	-	-	-	394	-
Western Grebe	-	-	-	-	-	-	-	-	-	-	-	1	-
Rock Pigeon	420	2	18	34	49	13	80	28	79	338	533	251	91
Eurasian Collared-Dove	38	-	4	-	1	-	8	2	11	-	-	-	1

FRCO	WHTE	NICK	CHAT	CRSV	HIWA	KNOX	NORR	CADE	GSNP	KING	ELIZ	ROAN	BRIS	SHDY	TOTALS
14-Dec	14-Dec	21-Dec	14-Dec	21-Dec	1-Jan	28-Dec	14-Dec	9-Dec	21-Dec	28-Dec	14-Dec	15-Dec	29-Dec	1-Jan	28
-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	16526
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	133
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8424
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	480
-	215	60	460	412	229	974	157	63	85	4	319	26	619	102	6629
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	2
-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	4
-	2	8	6	-	9	6	-	-	-	-	-	-	-	-	146
-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	4
48	34	4	34	-	1	9	-	-	-	-	-	-	-	-	560
22	46	-	194	41	125	29	-	7	-	33	-	-	41	-	17211
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
-		-	-	-	4	-	-	-	-	-	-	-	42	-	1495
80	110	23	267	159	693	205	85	9	36	198	268	-	161	138	44702
11	3	1	-	17	36	-	-	-	-	-	-	11	1	26	187
-	-	-	1	-	6	-	-	-	-	-	-	-	-	-	7777
-	15	-	7	-	132	3	-	-	-	-	-	-	2	-	9477
-	-	136	-	5	162	-	-	-	-	-	-	-	-	-	1086
-	34	17	1	35	74	-	-	-	-	-	-	-	6	-	239
8	137	26	161	584	74	69	-	-	-	70	4	-	65	-	5869
-	-	-	-	12	-	-	-	-	-	-	-	-	1	-	87
1	-	17	-	8	20	-	-	-	-	-	-	-	3	-	2497
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
21	43	12	50	281	46	2	-	10	-	-	107	17	104	-	2679
-	-	-	99	-	-	-	-	-	-	-	-	-	-	-	1436
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
52	147	11	30	54	135	46	4	-	3	9	-	1	63	8	1041
-	-	1	-	-	-	-	-	cw	-	-	-	-	-	-	1
-	-	2	-	11	-	-	-	-	-	-	-	-	-	-	57
-	-	11	8	84	-	1	-	-	-	-	-	-	1	-	8708
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	6
-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
24	110	19	41	39	6	-	2	20	70	31	75	2	8	12	870
13	6	187	146	73	15	32	17	-	-	9	4	2	17	-	951
60	-	4	14	4	-	-	6	-	-	-	1	-	2	-	570
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2	147	128	1230	73	18	409	118	9	97	474	246	14	452	66	5419
-	13	2	20	5	2	-	-	-	-	-	-	-	-	-	107

Count name	MPHS	FAYE	REEL	JACK	SAVA	BGSA	DUCK	PRRY	BUFF	CLRK	NASH	HKPR	LEBN
Mourning Dove	195	74	250	71	247	28	250	261	163	83	90	62	140
Virginia Rail	-	-	3	-	4	-	2	-	-	-	-	-	-
Sora	-	-	-	-	-	-	-	-	-	-	-	-	-
American Coot	4	-	73	-	350	11	132	18	2	-	-	627	64
Sandhill Crane	-	-	-	-	18	-	13	cw	-	-	cw	-	-
Killdeer	146	116	791	65	282	100	113	17	64	140	3	38	29
Least Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-
Long-billed Dowitcher	-	-	2	-	-	-	-	-	-	-	-	-	-
Greater Yellowlegs	-	-	1	-	-	-	-	-	-	-	-	-	-
American Woodcock	cw	-	1	1	3	-	4	7	-	1	-	2	-
Wilson's Snipe	-	-	180	1	4	-	71	-	7	-	-	-	1
Bonaparte's Gull	-	-	2513	-	-	127	190	-	-	-	-	1511	-
Ring-billed Gull	113	-	23936	-	1993	2500	6000	208	1	-	4	3405	2
Herring Gull	2	-	6	-	4	83	120	3	-	-	-	3	-
Lesser Black-backed Gull	-	-	1	-	-	9	1	-	-	-	-	-	-
Red-throated Loon	-	-	-	-	-	1	-	-	-	-	-	-	-
Pacific Loon	-	-	-	-	-	-	-	-	-	-	-	1	-
Common Loon	-	-	1	-	68	42	1	-	-	-	-	172	-
Double-crested Cormorant	-	-	523	-	6	53	1200	-	-	-	-	4	24
American White Pelican	-	-	287	-	-	77	70	35	-	-	-	1	-
Great Blue Heron	28	3	30	6	52	72	100	33	3	13	9	43	10
Great Egret	5	-	3	-	-	-	1	-	-	-	-	3	1
Green Heron	-	-	-	-	-	-	-	-	1	-	-	-	-
Black-crowned Night-Heron	-	-	-	-	-	-	1	-	-	-	-	1	-
Yellow-crowned Night-Heron	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Vulture	28	29	36	28	29	15	65	89	209	296	160	180	170
Turkey Vulture	42	110	94	47	105	21	40	245	135	77	24	20	27
Osprey	-	-	-	-	-	-	-	-	-	-	-	-	-
Golden Eagle	-	-	-	-	1	-	1	2	-	-	-	-	-
Northern Harrier	8	3	19	2	7	3	30	4	1	-	5	1	2
Sharp-shinned Hawk	-	1	4	cw	1	1	2	6	4	-	2	-	2
Cooper's Hawk	10	1	2	1	-	2	4	2	1	3	7	3	5
Accipiter sp.	-	-	-	-	-	-	-	-	-	1	2	-	-
Bald Eagle	-	3	50	-	5	23	65	9	12	4	1	2	-
Red-shouldered Hawk	17	16	42	12	17	13	28	17	11	17	8	11	8
Red-tailed Hawk	44	20	38	16	16	8	55	26	12	27	35	13	22
Rough-legged Hawk	-	-	1	-	-	-	-	-	-	-	-	-	-
Buteo sp.	-	-	-	-	-	-	-	-	-	3	-	-	-
Barn Owl	-	-	-	-	1	2	1	-	-	-	-	-	-
Eastern Screech-Owl	1	-	4	-	2	1	11	5	1	-	4	2	1
Great Horned Owl	3	1	6	1	1	1	12	1	-	2	4	-	1

FRCO	WHTE	NICK	CHAT	CRSV	HIWA	KNOX	NORR	CADE	GSNP	KING	ELIZ	ROAN	BRIS	SHDY	TOTALS
72	488	83	659	204	85	358	65	40	67	231	200	34	315	30	4845
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
143	-	1409	1678	111	3	113	-	-	-	4	-	-	4	-	4746
52	14	39	4	43	7618	77	-	-	-	-	-	-	-	-	7878
13	63	4	159	42	188	183	4	-	9	90	-	-	18	1	2678
-	-	-	-	-	41	-	-	-	-	-	-	-	-	-	41
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	22
1	-	-	1	36	20	7	-	-	-	-	-	-	1	-	330
-	-	18	224	8	93	1621	55	-	-	-	-	-	49	-	6409
118	-	1726	660	-	686	2785	-	-	22	72	20	-	759	-	45010
-	-	2	2	-	1	-	-	-	-	-	-	-	-	-	226
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2
4	-	4	65	2	-	-	1	-	-	-	1	-	7	-	368
87	-	322	2	-	264	106	-	-	-	46	4	-	-	-	2641
-	-	-	-	-	342	161	-	-	-	-	-	-	-	-	973
5	16	36	43	11	63	142	10	-	11	23	18	1	30	2	813
-	-	1	-	-	6	15	-	-	-	1	-	-	-	-	36
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	6
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
153	102	26	135	-	129	101	17	-	-	469	4	-	61	25	2556
47	84	26	28	-	44	30	27	-	1	124	38	3	45	26	1510
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1	3	-	1	1	1	-	-	3	-	-	-	-	-	-	95
1	-	1	1	1	-	5	-	-	-	-	4	-	3	-	39
1	6	1	11	3	2	3	1	1	4	7	1	2	2	1	87
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
3	1	10	16	2	15	4	4	cw	-	3	6	-	1	1	240
1	6	9	23	22	11	25	9	17	1	1	-	2	-	1	345
15	16	9	24	21	13	26	10	4	5	24	9	2	18	11	539
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	6
-	1	4	4	-	1	2	3	-	-	2	1	-	10	1	61
-	1	3	7	-	3	1	-	cw	-	3	-	-	2	-	53

Count name	MPHS	FAYE	REEL	JACK	SAVA	BGSA	DUCK	PRRY	BUFF	CLRK	NASH	HKPR	LEBN
Barred Owl	4	2	6	2	4	1	13	5	-	7	1	2	-
Long-eared Owl	-	-	-	-	-	-	-	cw	-	-	-	-	-
Short-eared Owl	-	-	-	-	-	-	-	-	-	-	-	-	-
Belted Kingfisher	11	3	8	2	7	5	30	19	5	11	11	10	3
Red-headed Woodpecker	2	11	24	2	22	3	39	27	6	3	1	-	2
Red-bellied Woodpecker	111	38	87	25	76	30	100	40	33	83	85	14	18
Yellow-bellied Sapsucker	24	9	27	2	20	8	27	17	5	19	19	11	6
Downy Woodpecker	54	5	63	22	38	22	110	43	19	54	87	14	12
Hairy Woodpecker	2	3	14	3	10	3	21	6	5	6	7	2	1
Northern Flicker	60	19	119	12	61	31	105	56	12	58	44	35	26
Pileated Woodpecker	14	9	43	7	23	7	42	34	12	14	21	9	5
American Kestrel	17	2	36	8	9	5	19	4	42	13	12	5	19
Merlin	-	-	-	-	-	-	1	3	-	-	-	cw	-
Peregrine Falcon	-	-	-	-	-	-	2	-	-	-	-	-	-
Eastern Phoebe	14	16	20	8	17	5	47	33	13	11	21	6	1
Loggerhead Shrike	-	-	6	-	-	-	-	-	6	-	-	-	-
Blue-headed Vireo	4	-	1	-	1	-	-	-	-	1	-	-	-
Blue Jay	125	44	99	61	103	67	200	65	113	142	176	64	206
American Crow	166	303	207	70	1107	89	700	753	204	160	174	92	188
Fish Crow	-	-	1	-	-	-	1	-	-	-	-	-	-
Common Raven	-	-	-	-	-	-	-	-	-	-	-	-	-
Horned Lark	-	-	534	2	42	-	4	-	-	-	-	-	-
Northern Rough-winged Swallow	-	-	-	-	-	-	-	-	-	-	-	-	-
Carolina Chickadee	97	52	214	24	71	89	190	108	25	126	200	90	68
Black-capped Chickadee	-	-	-	-	-	-	-	-	-	-	-	-	-
Tufted Titmouse	98	28	128	26	85	94	188	104	57	112	125	36	45
Red-breasted Nuthatch	1	-	-	-	1	-	-	-	-	1	-	1	-
White-breasted Nuthatch	14	9	36	4	23	17	37	19	30	51	63	3	12
Brown-headed Nuthatch	-	-	-	-	23	-	-	-	-	-	-	-	-
Brown Creeper	8	1	19	3	3	4	20	12	1	5	11	4	2
House Wren	4	1	6	-	2	-	5	1	-	-	1	1	-
Winter Wren	4	12	36	6	18	3	68	22	3	12	5	4	1
Sedge Wren	2	-	3	-	1	-	3	1	-	-	-	-	-
Marsh Wren	-	-	11	-	1	-	17	-	-	-	-	-	-
Carolina Wren	147	40	121	37	114	35	185	91	41	122	158	62	49
Blue-gray Gnatcatcher	-	-	-	-	-	-	1	-	-	-	-	-	-
Golden-crowned Kinglet	11	18	46	16	40	15	48	22	2	7	18	12	-
Ruby-crowned Kinglet	45	10	92	9	46	20	90	56	5	12	24	18	-
Eastern Bluebird	59	33	141	91	148	77	110	154	238	102	154	78	142
Hermit Thrush	9	12	42	6	26	9	37	23	17	7	32	16	-
American Robin	608	57	192	237	354	178	705	1081	95	112	975	408	310
Gray Catbird	2	-	-	-	-	-	-	-	-	1	2	-	-
Brown Thrasher	15	8	26	6	15	5	36	20	5	4	-	6	-

FRCO	WHTE	NICK	CHAT	CRSV	HIWA	KNOX	NORR	CADE	GSNP	KING	ELIZ	ROAN	BRIS	SHDY	TOTALS
-	1	2	-	2	-	2	-	cw	-	-	-	-	-	-	54
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	cw
-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
2	4	20	17	4	13	25	9	4	7	17	11	1	22	5	286
2	5	2	6	-	2	1	-	-	-	3	1	-	-	-	164
3	50	18	83	43	25	150	49	15	31	81	20	4	34	25	1371
2	11	7	32	4	11	34	21	1	13	22	10	3	14	5	384
4	15	18	67	22	26	87	28	21	33	51	21	14	36	12	998
3	-	3	3	6	4	11	5	2	6	6	2	1	7	2	144
2	19	24	84	17	25	68	27	12	7	30	27	1	41	16	1038
-	8	18	11	12	12	21	15	15	18	22	7	2	32	4	437
40	34	8	3	23	5	3	6	2	5	12	8	1	16	16	373
-	1	-	-	-	-	cw	-	-	1	1	-	-	-	-	7
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3
4	9	6	56	15	23	43	8	13	23	6	7	4	15	4	448
2	1	1	-	-	-	-	-	-	-	-	-	-	1	-	17
-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	8
90	85	114	191	59	105	373	120	34	74	225	164	21	265	76	3461
216	104	159	182	228	113	433	160	145	165	220	299	96	312	531	7576
-	-	-	-	-	-	5	-	-	-	11	-	-	-	-	18
-	-	-	-	-	-	-	-	1	8	2	1	27	2	5	46
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	582
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
4	19	77	121	124	89	342	93	102	121	133	133	46	115	66	2939
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
15	44	113	153	88	67	191	114	76	102	92	61	31	100	26	2399
-	-	1	-	2	-	2	-	-	4	-	-	2	cw	2	17
1	26	27	35	49	11	75	54	32	21	17	29	12	35	12	754
-	-	7	22	-	12	30	-	3	-	-	-	-	1	-	98
-	2	2	-	2	1	5	2	3	1	-	1	-	3	-	115
-	-	-	1	-	-	-	-	2	-	5	-	-	-	-	29
-	2	5	10	7	6	9	4	9	14	4	5	1	13	7	290
-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	11
-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	31
11	39	51	180	91	57	321	87	73	62	122	94	21	120	40	2571
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
8	3	10	32	11	10	17	9	9	24	16	15	9	20	10	458
-	3	23	70	1	40	46	15	5	17	23	1	-	6	-	677
91	10	34	173	108	126	331	148	84	84	208	181	18	196	157	3476
1	5	10	24	12	8	18	20	3	16	7	1	-	10	2	373
8	225	71	583	69	158	1068	318	103	129	748	371	126	423	150	9862
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	6
3	3	8	20	4	6	17	3	1	1	4	-	-	1	1	218

Count name	MPHS	FAYE	REEL	JACK	SAVA	BGSA	DUCK	PRRY	BUFF	CLRK	NASH	HKPR	LEBN
Northern Mockingbird	74	14	34	28	42	25	45	32	36	100	82	66	75
European Starling	992	106	7754	3543	2543	85	550	196	3679	1901	881	548	3038
Cedar Waxwing	89	150	75	48	126	96	70	374	193	193	327	79	4
House Sparrow	24	15	139	5	31	22	81	33	56	60	44	27	10
American Pipit	2	-	4	-	305	-	6	20	30	-	-	1	-
House Finch	34	2	171	48	58	39	16	155	89	72	74	27	35
Purple Finch	1	-	1	-	-	-	-	cw	-	-	-	-	1
Red Crossbill	-	-	-	-	-	-	-	-	-	-	-	-	-
Pine Siskin	-	-	-	-	-	1	-	-	-	1	-	-	-
American Goldfinch	74	24	116	33	97	18	72	120	51	40	104	8	28
Lapland Longspur	-	-	55	-	-	-	1	-	-	-	-	-	-
Chipping Sparrow	17	77	16	112	25	5	9	37	82	1	9	16	5
Field Sparrow	75	57	158	46	73	44	134	220	99	41	116	96	76
Fox Sparrow	12	23	33	11	39	1	14	14	4	1	5	10	-
Dark-eyed Junco	234	109	490	194	158	355	250	189	172	121	128	32	21
White-crowned Sparrow	21	3	59	2	4	8	28	11	36	15	6	13	-
Harris's Sparrow	-	-	-	-	-	-	1	-	-	-	-	-	-
White-throated Sparrow	512	197	601	303	356	462	720	438	197	181	275	174	31
Vesper Sparrow	3	-	-	-	2	-	12	-	-	-	-	-	-
Le Conte's Sparrow	-	-	4	-	-	-	1	-	-	-	-	-	-
Savannah Sparrow	23	2	336	4	151	23	173	92	9	4	4	-	-
Song Sparrow	107	123	375	49	174	125	515	405	56	110	111	57	36
Lincoln's Sparrow	1	-	-	-	-	-	-	-	-	-	-	-	-
Swamp Sparrow	24	60	492	61	131	75	434	330	69	23	41	49	4
Eastern Towhee	71	21	17	27	65	31	78	52	35	57	76	10	8
Sparrow sp.	-	-	-	-	-	-	-	-	130	-	-	-	-
Eastern Meadowlark	81	-	68	27	192	23	134	100	174	20	6	21	12
Western Meadowlark	-	-	2	-	-	-	-	-	-	-	-	-	-
Red-winged Blackbird	75	-	38704	35	795	13	4000	379	94	261	60	379	27
Brown-headed Cowbird	80	-	10725	7	37	5	400	8	18	22	-	20	517
Rusty Blackbird	202	-	48	6	12	1	282	2	80	-	-	20	24
Brewer's Blackbird	-	-	cw	-	-	-	2	-	-	-	-	-	-
Common Grackle	5281	34	3813	365	341	5	20000	712	1051	6	4244	1	303
Blackbird sp.	-	-	-	-	-	-	-	-	5100	100	-	-	-
Tennessee Warbler	-	-	-	-	-	-	-	-	-	-	1	1	-
Orange-crowned Warbler	cw	2	1	-	1	-	1	-	-	-	-	2	-
Common Yellowthroat	-	-	3	-	1	-	1	-	-	-	-	-	-
Palm Warbler	1	-	-	4	-	-	-	-	-	-	-	-	-
Pine Warbler	20	4	4	-	14	14	1	-	-	2	-	1	-
Yellow-rumped Warbler	68	27	237	17	115	27	252	372	5	50	50	37	3
Wilson's Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Tanager	-	-	-	-	-	-	cw	-	-	-	-	-	-
Northern Cardinal	254	109	202	108	184	193	510	153	170	315	290	171	126

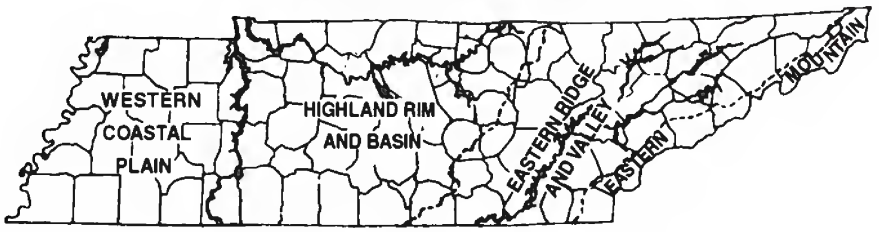
FRCO	WHTE	NICK	CHAT	CRSV	HIWA	KNOX	NORR	CADE	GSNP	KING	ELIZ	ROAN	BRIS	SHDY	TOTALS
58	43	47	86	33	46	234	38	8	29	100	57	1	138	17	1588
946	1270	466	1501	530	362	874	399	139	394	1107	1015	33	1642	526	37020
16	63	19	203	31	54	214	47	110	22	134	449	12	390	66	3654
6	50	30	124	46	6	23	30	-	6	5	29	-	15	6	923
21	20	-	-	-	66	-	-	-	-	45	-	-	-	1	521
8	3	34	161	31	27	238	48	39	63	77	72	2	95	60	1778
-	-	20	-	-	2	-	-	-	-	-	-	1	-	9	35
-	-	-	-	-	-	-	-	9	1	-	-	10	-	3	23
-	-	1	-	-	-	-	-	-	1	-	-	1	-	-	5
2	39	48	131	12	76	106	117	74	134	77	63	6	102	98	1870
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56
10	39	11	69	20	83	55	3	14	25	47	16	-	44	-	847
20	73	36	133	105	87	105	45	68	13	31	28	3	25	10	2017
3	-	-	4	1	1	2	-	2	2	-	-	-	-	3	185
8	33	35	70	30	30	58	45	8	22	8	45	62	29	46	2982
-	15	1	1	8	-	4	-	-	-	3	-	-	8	5	251
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
23	104	115	127	33	91	190	65	40	41	80	40	11	67	29	5503
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
3	14	-	3	4	93	28	4	-	-	6	5	-	1	-	982
11	100	70	175	93	225	215	73	94	111	106	125	68	148	139	3996
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2
3	15	9	38	11	70	22	1	13	10	24	1	-	13	3	2026
8	17	24	56	17	17	91	20	4	13	35	17	17	40	15	939
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130
10	68	8	8	82	24	27	5	34	-	32	-	-	47	5	1208
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	95	32	1812	-	910	69	1	-	21	1528	-	-	2	-	49292
177	-	1	4	-	271	8	-	-	-	14	1	-	-	-	12315
30	-	-	1	-	-	35	-	-	-	-	-	-	-	-	743
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
3	6	23	209	-	200	88	-	-	-	-	-	-	cw	-	36685
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5200
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	4	-	-	1	-	-	-	3	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
-	-	-	1	-	1	12	1	2	1	-	-	-	-	-	23
-	1	5	20	-	7	10	2	4	-	1	1	-	2	-	113
-	33	28	71	10	116	177	73	9	15	166	61	1	40	8	2068
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	cw
62	118	144	173	123	79	381	104	55	104	163	124	19	212	62	4708

Count name	MPHS	FAYE	REEL	JACK	SAVA	BGSA	DUCK	PRRY	BUFF	CLRK	NASH	HKPR	LEBN
Indigo Bunting	-	-	-	-	-	-	1	-	-	-	-	-	-
Total individuals	12460	2376	128833	6676	12793	22733	106337	15654	13744	6180	10613	10543	6635
Total Species	91	65	119	73	101	100	125	95	72	74	71	88	68
Count Week species	1	-	1	1	-	-	1	3		1	-	1	-
Observers	30	9	15	7	12	11	16	8	12	16	44	17	12
Parties	11	5	6--7	3--4	4--6	5	9	5	4--5	6	9	4	5
Party Hours	59.3	26	65.5	32.75	55.75	39.5	84	48	45.25	49.35	51.9	36.5	34.5
Hours by car	17.6	9.75	35	21	31.75	28	27	12.5	33.75	31.25	15.2	12.5	28.75
Hours by foot	41.7	16.25	30.5	11.75	24	11.5	52	34	11.5	18.1	35.9	24	2.75
Hours by boat or other	-	-	-	-	-	-	5	1.5	-	-	-	-	3
Miles by car	175.4	115.5	331.5	246	262.3	200	265	120	326.6	243.5	163.75	198	376
Miles on foot	31.9	18	20	9	16.5	7	88	24	5	17.8	32.8	14.3	2.5
Miles by boat or other	-	-	-	-	-	-	15	6	-	-	-	-	3.2
Hours Owling	2.5	-	3.25	0.5	1.75	-	3.5	-	0.5	-	4.55	1.3	-
Miles Owling	0.9	-	19.5	5	5.3	-	15	-	2	-	15.45	1.45	-
Feeder / yard watchers	-	-	-	-	-	-	-	-	-	4	-	1	-
Feeder / yard hours	-	-	-	-	-	-	-	-	-	7.75	-	2	-

FRCO	WHTE	NICK	CHAT	CRSV	HIWA	KNOX	NORR	CADE	GSNP	KING	ELIZ	ROAN	BRIS	SHDY	TOTALS
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2999	4810	6449	13870	4632	15319	14548	3031	1681	2428	7813	4950	805	7818	2736	449466
71	76	91	98	78	93	89	62	58	61	76	63	49	83	59	159
-	-	-	-	-	-	1	-	4	-	-	-	-	-	-	2
11	5	9	26	12	16	52	11	16	20	30	30	8	21	12	488
5	4	4	8	6	6	23	6	9	11	9	6	2	6	4	168
16.4	33.25	46	35	53	36	106.26	34.85	36.75	53.6	47.7	43	16.5	51.5	31	1269.11
16.1	28.75	29.75	32	27	16	33.68	20.85	6	18.1	17.3	-	-	21.5	17	588.08
0.3	4.5	17.1	3	26	20	72.58	14	30.75	35.5	30.4	-	-	30	14	612.08
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.5
220.9	242.9	194.3	270	338.4	219	353	183.5	64.5	138.2	258	-	-	340	238.5	6084.75
0.4	2.8	10	25	12.8	17	58.34	11.9	21.75	26.35	20.7	-	-	14	11	518.84
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.2
-	2	2.25	8	0.75	1.5	3.43	1.4	4	1.5	3.75	2.5	0.5	3.5	2.5	55.43
-	1.25	15	-	0.25	12	31.1	4.5	2	12	7	-	-	-	20	169.7
-	-	-	-	-	-	2	1	1	3	-	-	-	-	-	12
-	-	-	-	1	2	8.47	1.5	1	7	-	-	-	-	-	30.72

THE FALL SEASON

Richard L. Knight, Editor



1 August - 30 November 2019

Most of the season was warmer and wetter than normal, but with a brief drought in September in East Tennessee, that was soon erased in October. Temperatures in November were cooler than normal.

A male Barrow's Goldeneye at Paris Landing State Park and a Virginia's Warbler in Union County both represented second state records for these species. Also, a Brown Booby at Duck River Unit provided the third state record. All three were documented with photos. Several other rarities seen this season have shown recent trends of more frequent occurrence in the state, including Mottled Duck, White-winged Dove, Neotropic Cormorant, and White-faced Ibis. Also in this group of rarities showing increases is Swallow-tailed Kite, which appeared in all four regions this fall. Yellow Rails were found at opposite ends of the state.

Breeding by Common Gallinules in East Tennessee was noteworthy. Observers tallied an impressive list of 34 species of shorebirds in the state this season, highlighted by Whimbrel and Red Knot. Three reports of Long-tailed Jaeger were the most ever found in a single year. Bell's Vireos were reported from Tipton and Lake counties, while Smith's Longspurs were found in Lake and Shelby counties. Nelson's Sparrows appeared at four sites in the two western regions, and a Clay-colored Sparrow was found in East Tennessee. Other rarities this season were Black-chinned Hummingbird and Black-headed Grosbeak. Boreal irruptives were scarce.

Standard Abbreviations

ad - adult
ba - banded
Co - County
Cr - Creek
ers - earliest reported sighting
et al. - and others
fide - reported by
im - immature
L - Lake
lrs - latest reported sighting
max - maximum count
m.ob. - many observers
Mtn - Mountain
NWR - National Wildlife Refuge
R - River
SNA - State Natural Area
SP - State Park
WMA - Wildlife Management Area
yg - young

WESTERN COASTAL PLAIN REGION - - Precipitation across the region followed historic patterns, except for October which saw several days of extremely heavy rainfall. The month received slightly more than 9 inches above normal. The total for the seson was 6.5 inches above normal. Temperatures were within usual ranges in August and October, but 8 degrees warmer than normal in September and 5 degrees cooler than normal in November.

Observers reported several nice finds, including the state's second record of Barrow's Goldeneye. A hatch-year female Rufous Hummingbird was captured and banded in Fayette County. Yellow Rails are regular migrants, but are very difficult to detect. Thus, two in a field in Lake Count were remarkable. Notable shorebirds included Marbled Godwit and Red Knot in Shelby County, Piping Plover and Red Phalarope in Lake County, and two reports of Red-necked Phalarope. Also notable were Swallow-tailed Kite, Smith's Longspur, and Black-headed Grosbeak.

Thanks to everyone who submitted observations, especially those with photographs.

Waterfowl - Crane: **Black-bellied Whistling-Duck**: 5 Sep (225) Ensley (RS, VS, RH, HM), new high count in state; 3 Nov (32) Ensley (Thomas Blevins), lrs. **Fulvous Whistling-Duck**: continuing from summer thru 30 Aug (1) Ensley (m.ob.). **Surf Scoter**: 20 Oct - 12 Nov (3-1) Reelfoot L (RS, VS, m.ob.); 3 Nov (1) Pace Point (MCT); 13 Nov (1) Paris Landing SP (RS). **Long-tailed Duck**: 13 / 27 Nov (1) Paris Landing SP (RS / SY). **BARROW'S GOLDENEYE**: 23 Nov into Dec (1 male) Paris Landing SP (RS, m.ob., photos on eBird), 2nd state record, found among several hundred Common Goldeneye. **Common Merganser**: 12 Nov (5 female-type) Reelfoot L (RS, VS). **Red-necked Grebe**: 16 Nov (1) Paris Landing SP (SA, JH). **White-winged Dove**: 2 Aug (1) Mud Island, Shelby Co (RS); 1 Sep (1, shot by hunter) Gibson Co (fide MAG, photo on eBird). **Common Nighthawk**: 19 Oct (3) Ensley (RS, VS), lrs. **Ruby-throated Hummingbird**: 17 - 20 Nov (1, ba) Cordova, Shelby Co, (CR / Lori Lee), lrs. **Rufous Hummingbird**: 20 - 30 Nov (1 female, ba) Fayette Co, (CR / Judy Dorsey). **Virginia Rail**: 14 Oct (1) Black Bayou (DR); 28 Oct (1) Shelby Farms (RH, RS, VS); 29 Oct (3) Flowers Sheep Ridge (RS, VS, AT, DR). **Sora:** 26 Sep (1) Chickasaw Lake, Shelby Farms (David Blaylock, Betty Blaylock, Chad Brown); 10 Nov (1) Ensley (Virginia Reynolds). **Yellow Rail**: 29 Oct (2) Flowers Sheep Ridge (RS, VS, AT, DR). **Sandhill Crane**: 11 Nov (flock heard overhead) Shelby Farms (Nick Smith); `11 Nov (9) Lake Co (DR), ers.

Shorebirds: **Black-necked Stilt**: 28 Oct (11) Ensley (John Walko), lrs. **American Avocet**: 9 Aug - 8 Sep / 8-28 Oct (1 / 2-14) Ensley (AL, BFo, RH, HM, MCT, m.ob.); 18 Aug / 21 Sep (1) Island 18, Dyer Co (RS, VS); 5 Sep (4) Burnt Woods, Reelfoot WMA, Lake Co (Jan Hansen); 9-16 Sep (10-11) Tipton Slough, Lake Co (MAG, AT); 24 Sep (2) Paris Landing SP (DR); 27 Sep (4) Tiptonville Bar (RS, VS); 28 Oct (1) Shelby Farms (RH, RS, VS). **Black-bellied Plover**: 4 Aug (1) Great River Rd at Obion R, Dyer / Lauderdale Co line (RS), ers; additional reports of 1-2 birds in Benton, Henry, Lake, and Shelby Cos; 8-15 Oct (1) Ensley (MCT, RH, BFo), lrs. **American Golden-Plover**: 2 Sep (1) Flowers Sheep Ridge (DR, AL), ers; additional reports of 1-4 birds in Sep from Benton, Henry, Lake, and Shelby Cos; 16 Nov (2) Ensley (Douglas Logan), lrs. **Killdeer**: 27 Nov (1200) Obion Co (MAG), max. **Piping Plover**: 24 Aug (2) Tiptonville Bar (RS, VS); 9 Sep (1) Fritz Landing (MAG).

Upland Sandpiper: 5 Aug (1) Lauderdale Co (RS, DR); 16 Aug (1) Ensley (RH, BFo, CVN, JV); 23 Aug (1) Robinson Bayou, Lake Co (MAG); 2 Sep (1) Flowers Sheep Ridge (DR, AL); 14 Sep (1) Ensley (RS, VS, AT). **Marbled Godwit**: 20 Oct (1) Ensley (Virginia Reynolds). **Ruddy Turnstone**: 3-4 Aug (1) Hwy 88 bottoms, Lauderdale Co (RS); 11 Aug (1) Ensley (DDP); 2 Sep (1) Flowers Sheep Ridge (DR, AL). **Red Knot**: 13-15 Sep (1) Ensley (RH, HM, BFo, m.ob., photos). **Stilt Sandpiper**: 20 Sep (66) Ensley (DDP et al.); max. **Sanderling**: 9 Aug (1) Ensley (AL), ers; additional reports of 1-6 birds from Benton, Henry, Lake, and Shelby Cos; 17 Oct (1) Ensley (DDP et al.), lrs. **Dunlin**: 26 Sep (2) Ensley (DDP), ers; 28 Oct (35) Lake Co (DR), max. **Baird's Sandpiper**: 24 Aug - 9 Sep (1-2) Lake Co (RS, VS, MAG). **White-rumped Sandpiper**: 11 Aug / 8 Oct (1) Ensley (DDP / MCT); 5 Sep (1) Burnt Woods, Reelfoot WMA, Lake Co (Jan Hansen). **Buff-breasted Sandpiper**: 23 Aug (1) Tiptonville Bar (MAG); 30 Aug - 20 Sep (1-3) Ensley (BFo, RH, HM, m.ob.); 9 Sep (1) Fritz Landing (MAG); 11 Sep (5) Tennessee R, Benton Co (RS, VS); 12-14 Sep (2) Big Sandy Flats, Henry Co (JH, RS, VS). **Western Sandpiper**: 18 Aug (17) Island 13 (RS, VS), max. **Long-billed Dowitcher**: 4 Aug (2) Great River Rd at Obion R, Dyer / Lauderdale Co line (RS), ers; 13 Sep / 26 Sep - 21 Oct (1 / 10-83) Ensley (RH, HM, BFo, DDP, MCT); 7-19 Oct (15-70) Black Bayou (RS, VS, AT, m.ob.). **Lesser Yellowlegs**: 27 Nov (1) Obion Co (MAG), lrs. **Wilson's Phalarope**: 4 Aug (1) Great River Rd at Obion R, Dyer / Lauderdale Co line (RS); 13-20 Sep / 8 Oct (1-3) Ensley (RH, HM, BFo, m.ob. / MCT). **Red-necked Phalarope**: 18 Aug (1) Island 18, Dyer Co (RS, VS); 14 Sep (1) Paris Landing SP (RS, VS). **Red Phalarope**: 21 Nov (1) Reelfoot L (RS).

Gull - Falcon: **Laughing Gull**: 14 / 23 Sep (1 im) Paris Landing SP (RS, VS / DR). **Franklin's Gull**: 8 Oct (1) Ensley (MCT); 19 Oct - 5 Nov (up to 500+) Reelfoot L (RS, VS, MCT, m.ob.); 30 Oct (75) Kentucky L, Benton Co (AT). **Lesser Black-backed Gull**: 9 Sep (3) Paris Landing SP (RS, DR, AL), ers at regular wintering site; 21 Sep (1 im) Island 13 (RS); 30 Sep (10) Paris Landing SP (DR), max; 19 Oct (1 ad) Reelfoot L (RS, VS). **Great Black-backed Gull**: 24 Aug (1 im) Island 13 (RS, VS). **Least Tern**: 23 Aug (325) Tiptonville Bar (MAG), max; 26 Sep (5) Reelfoot L (RS, VS), lrs. **Black Tern**: 31 Aug (50) Tiptonville Bar (MAG), max; 26 Sep (4) Reelfoot L (RS, VS), lrs. **Common Tern**: 29 Sep (17) Camden WMA, Benton Co (RS, VS), max. **Pacific Loon**: 21 Nov (1) Paris Landing SP (AL). **Common Loon**: 28 Oct (1) Ensley (RS, VS); 5 Nov (1) Robbins-Halle Park, Shelby Co (RH), unusual in Co. **Anhinga**: 5 Sep (5, soaring) TVA Lake, Shelby Co (RS, VS, RH); 29 Oct (1) Agricenter Int'l, Shelby Farms (Martha Waldron). **American White Pelican**: 6 Aug (238) Lauderdale Co (RS, DR); 20 Oct (40) Paris Landing SP (RS, VS); 1 Nov (1300) Reelfoot L (RS), max; 3 Nov (40) Hatchie NWR (RS, VS). **American Bittern**: 10 Oct (1) Black Bayou (MAG); 1 Nov (1) Bogota WMA, Dyer Co (RS). **Little Blue Heron**: 6 / 14 Oct (1 im) Black Bayou (AL / DR); 4-8 Nov (1 im) Gibson Co L (MAG), lrs. **White Ibis**: 16 Aug (1 im) President's Island, Shelby Co (RH, JV, CVN); 19-21 Oct (1 ad) Gibson Co L (Steve Yarbrough, MAG), late. **White-faced Ibis**: 5-7 Nov (1) Lake Isom NWR, Lake Co (Drew Wirwa, MAG et al., photos). ***Plegadis* sp.**: 27 Oct (1) Shelby Farms (CVN et al.). **Swallow-tailed Kite**: 25-27 Aug (1) Shelby Farms (Mary Ganaway, JV, CVN, m.ob.); 26 Aug (1) Covington, Tipton Co (DDP). **Golden Eagle**: 24 Oct (1) Henry Co (RS); 11 Nov (1) Britton Ford (AL, DR). **Mississippi Kite**: 27 Sep (1) Lake Co

(RS), lrs. **Broad-winged Hawk**: 1 Nov (1) Jolly Landing (MAG, photo), lrs. **"Harlan's" Red-tailed Hawk**: 7-10 Oct (1) Black Bayou (RS, VS, AT, m.ob.); 28 Oct (1) Ensley (RH, RS, VS); 1 Nov (1) Shelby Farms (RH, BFo, JV); 5 Nov (1) Gibson Co (MAG); 8 Nov (1) Crockett Co (MAG); 13 Nov (1) Obion Co (MAG). **Rough-legged Hawk**: 1 Nov thru season (1) Jolly Landing (MAG, m.ob.). **Short-eared Owl**: 29 Oct (2) Flowers Sheep Ridge (RS, VS, AT, DR); 22 Nov (1) Jolly Landing (RS, VS, AT). **Merlin**: 18 Sep (1) Pace Point (RS, VS), ers; additional reports from Decatur, Dyer, Henry, Lake, and Shelby Cos. **Peregrine Falcon**: 11 Aug / 8 Oct (1) Ensley (DDP / MCT); 27 Sep (1) Ghost River SNA, Fayette Co (RH); 27 Sep / 7 Oct / 24 Nov (1) Lake Co (RS / VS, AT / Jacob Wessels); 6/19 Ensley (Virginia Reynolds); 7 Oct (1) Pace Point (RS, VS, AT); 9 Oct (1) Busselltown Unit of Tennessee NWR, Decatur Co (AT); 30 Oct (2) Paris Landing SP (RS); 23 Nov (1) Carroll Co (MAG).

Flycatcher - Oriole: **Western Kingbird**: thru 14 Aug (1-3) Ensley (m.ob.); 30 Aug (1) President's Island, Shelby Co (JH), lrs. **Scissor-tailed Flycatcher**: 22 Oct (1) Mt Orange, Gibson Co (MAG). **Olive-sided Flycatcher**: 28 Aug (1) Robbins-Halle Park, Shelby Co (CVN). **Yellow-bellied Flycatcher**: 3 Sep (1) Henry Co (DR, AL); 11 / 30 Sep (1) Overton Park, Shelby Co (BFo); 14 Sep (1) Fort Pillow SP, Lauderdale Co (DDP et al.); 14 Sep (1) Shelby Forest (BFo); 27 Sep (1) Lake Co (RS). **Alder Flycatcher**: 19 Aug (3) Island 13 (RS, VS); 27 Aug (1) Henry Co (DR, AL); 3 Sep (1) Pace Point (RS, VS); 27 Sep (2) Lake Co (RS). **Bell's Vireo**: 7 Aug (1) Island 35, Tipton Co (Timothy Jones); 2 Sep (1) Island 13 (DR, AL). **Fish Crow**: 29 Sep / 24 Oct (4 / 1) Eagle Cr, Henry Co (RS, VS). **Bank Swallow**: 31 Aug (1,000) Black Bayou (MAG et al.), max. **Tree Swallow**: 12 Nov (64) Reelfoot L (RS, VS); 13 Nov (8) Gibson Co L (MAG); lrs. **Northern Rough-winged Swallow**: 16 Nov (1) Shelby Farms (DDP et al.), lrs. **Sedge Wren**: 29 Oct (25) Flowers Sheep Ridge (RS, VS, DR, AT), max. **Purple Finch**: 11 Nov (1) Dyersburg, Dyer Co (Kathy Sellars), only report. **Pine Siskin**: 29 Oct (1) Flowers Sheep Ridge (RS, VS, DR, AT), only report. **Smith's Longspur**: 12 Nov (4) Mud L, Lake Co (VS, RS); 29 Nov (1) Shelby Farms (RS, VS). **Lapland Longspur**: 3 Nov (1) Hatchie NWR (RS, VS), ers. **Lark Sparrow**: 4 Aug (1) Tiptonville, Lake Co (RS); 7 Aug (1) Island 35, Tipton Co (Timothy Jones); 12 Aug (1) Ridgely, Lake Co (DR); 30 Aug (1) Ensley (BFo, RH, HM); 5 Sep (1) Gibson Co L (MAG); 19 Oct (1) Tiptonville - Obion Levee Rd, Lake Co (RS, VS). **LeConte's Sparrow**: 29 Oct (20) Flowers Sheep Ridge (RS, VS, AT, DR); 11 Nov (2) Britton Ford (AL, DR); 12 / 22 Nov (8 / 22) Mud L, Lake Co (VS, RS); 20 Nov (3) Fritz Landing (RS). **Nelson's Sparrow**: 7-14 Oct (1) Black Bayou (DR, m.ob.); 29 Oct (6) Flowers Sheep Ridge (RS, VS, AT, DR); 3 Nov (1) Hatchie NWR (RS, VS). **Henslow's Sparrow**: 14 Oct (1) Black Bayou (DR); 27-29 Oct (1) Shelby Farms (BFo, m.ob.); 29 Oct (1) Flowers Sheep Ridge (RS, VS, AT, DR). **Lincoln's Sparrow**: 28 Oct (7) Shelby Farms (RH, RS, VS); 29 Oct (8) Flowers Sheep Ridge (RS, VS, DR, AT), max. **Western Meadowlark**: 16 Oct (1) Ensley (CAS); 12 Nov (1) Jolly Landing (RS, VS); 14 Nov (2) Coon Valley Rd, Tipton Co (DDP); 27 Nov (2) Obion Co (MAG). **Baltimore Oriole**: 30 Nov (1 male, at feeder) Munford, Tipton Co (DDP), lrs.

Warbler - Dickcissel: **Golden-winged Warbler**: 18 Sep (1) Pace Point (RS, VS); 19 / 25 Sep (1) Shelby Forest (JV / DDP, CVN); 22 / 26 Sep (1) Lichterman Nature Center, Shelby Co

(Mary Schmidt); 29 Sep (1) Britton Ford (RS, VS); 29 Sep (4) Big Sandy Flats, Henry Co (RS, VS); 30 Sep (2) John Porter Conservation Area, Fayette Co (RH); 9 Oct (1 each) Decatur Co and Benton Co (AT). **Nashville Warbler**: 3 Nov (1) Shelby Farms (Norman Soskel, photo), lrs. **Connecticut Warbler**: 15 Sep (1) Shelby Forest (BFo). **Mourning Warbler**: 4 Oct (1) Shelby Farms (CVN); 6 Oct (1) Ensley (Virginia Reynolds). **Common Yellowthroat**: 23 Nov (1) Black Bayou (AL), lrs. **Hooded Warbler**: 19 Oct (1) Shelby Co (RS, VS), lrs. **Chestnut-sided Warbler**: 16 Oct (2) Overton Park, Shelby Co (BFo), lrs. **Blackpoll Warbler**: 29 Sep (1) Camden WMA, Benton Co (RS, VS), rare in fall. **Black-throated Green Warbler**: 31 Oct (1) Germantown, Shelby Co (Norman Soskel, photo), lrs. **Black-headed Grosbeak**: 10 Oct (1) Fritz Landing (MAG). **Blue Grosbeak**: 28 Oct (1) Shelby Farms (RH, RS, VS); 4 Nov (1) Bogota WMA, Dyer Co (RS, VS), lrs. **Painted Bunting**: thru 14 Aug (1-2) Ensley (m.ob.). **Dickcissel**: 28 Oct (1) Shelby Farms (RH, RS, VS), lrs.

Locations: Black Bayou - Lake Co; Britton Ford - Henry Co; Ensley - Shelby Co; Flowers Sheep Ridge - Lake Co; Fritz Landing - Lake Co; Hatchie NWR - Haywood Co; Island 13 - Lake Co; Jolly Landing - Lake Co; Pace Point - Henry Co; Paris Landing SP - Henry Co; Reelfoot L - Lake Co (primarily); Shelby Farms / Forest - Shelby Co; Tiptonville Bar - Lake Co.

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HIGHLAND RIM AND BASIN REGION - - Temperatures in August were 1.6 degrees above normal, while those in both September and October were 3.4 degrees above normal. However, temperatures in November were 3.8 degrees cooler than normal. Precipitation was near normal each month, except for October which was 3.4 inches wetter than normal. Interesting birds this fall included Mottled Duck, Surf and White-winged Scoter, Long-tailed Duck, Whimbrel, Wilson's and Red-necked Phalarope, Long-tailed Jaeger, Brown Booby, Neotropic Cormorant, Swallow-tailed Kite, and Nelson's Sparrow.

Goose - Crane: **Ross's Goose**: from Jul - 7 Aug (1) Cane Cr Park, Putnam Co (Michele Ramsey); 3 Nov (1) Rutherford Co (Jeffrey Walck); 20 Nov (1) Woods Reservoir (JWb). **Greater White-fronted Goose**: 21 Oct (1) Old Hickory L (GG), ers. **Cackling Goose**: 15 Oct (33) Duck R Unit (RS), ers; 22 Oct (10) Pickwick L (RS); 12 Nov (6) Cross Cr NWR (SA, JH); 23 Nov (130) Duck R Unit (RS), max. **MOTTLED DUCK**: 2 Nov (1) Duck R Unit (RS, VS, GG, photo). **Surf Scoter**: 19 Nov (1) Radnor L (GG). **White-winged Scoter**: 10 Nov (1) Old Hickory L (GG, MS). **Long-tailed Duck**: 10-11 Nov (1) Percy Priest L (GG). **Red-breasted Merganser**: 23 Nov (200) Tennessee R, Humphreys Co (RS), max. **Eared Grebe**: 9 Nov (1) Duck R Unit (RS); 11 Nov (1) Pickwick L (RS, VS). **White-winged Dove**: 31 Aug - 1 Sep (1) Duck R Unit (AT). **Yellow-billed Cuckoo**: 5 Nov (1) Williamson Co (JAr); 9 Nov (1) Cross Cr NWR (SA), lrs. **Black-billed Cuckoo**: 4 Sep (1) Perry Co (VS); 11 Oct (1) Radnor L (FF); 11 Oct (1) Harpeth River SP, Davidson Co (GG). **Ruby-throated Hummingbird**: 19 Aug (nest with yg) Radnor L (GG, Jan Shaw), new late date for nestlings

according to the Breeding Bird Atlas. **Virginia Rail**: 12 Oct (1) Walker Branch SNA, Hardin Co (RS); 2 Nov (1) Duck R Unit (RS, VS, GG). **Sandhill Crane**: 8 Nov (4) Perry Co (RS), ers, with numerous additional Nov reports.

Avocet - Tern: **American Avocet**: 7 Aug (2) Old Hickory L (JWb); 31 Aug - 9 Nov (1 - 10) Duck R Unit (CBz, RS, m.ob.); 29 Sep - 10 Oct (2) Hillsboro Pond, Coffee Co (Ken Oeser, m.ob.); 16 / 27 Oct (1 / 2) Cross Cr NWR (JH / CR, Steve Routledge); 24-25 Oct (1-8) Old Hickory L (GG, JWb, FF); 14 Nov (1) Fowler Rd, Lincoln Co (Damien Simbeck). **Black-bellied Plover**: 1-23 Sep (1) Duck R Unit (RS, VS, AT). **American Golden-Plover**: 25 Aug - 18 Sep (1-6) Duck R Unit (RS, VS, AT, m.ob.); 12-24 Sep / 7-11 Oct (1-4) Bark Camp Barrens sod farm (SNM); 1 Oct (1) Tom's Cr, Perry Co (RS, VS). **Upland Sandpiper**: 12 Aug (1) Barkley WMA, Stewart Co (JH); 4 Sep (1) Duck R Unit (RS); 17 / 30 Sep (1) Bark Camp Barrens sod farm (SNM). **Whimbrel**: 6-12 Sep (1) Duck R Unit (RS, m.ob.). **Ruddy Turnstone**: 25 Aug (1) Duck R Unit (RS, VS). **Stilt Sandpiper**: 21 Aug - 4 Sep (2-8) Duck R Unit (RS, AT); 24 Aug (1) Cross Cr NWR (JH). **Sanderling**: 1-12 Sep (1) Duck R Unit (DR, m.ob.). **Dunlin**: 26 Oct (1) Pickwick L (RS, VS); 31 Oct - 23 Nov (4-25) Duck R Unit (AT, RS); 4-10 Nov (1-2) Old Hickory L (JWb, m.ob.); 15 Nov (3) Bark Camp Barrens sod farm (SNM). **Baird's Sandpiper**: 21 Aug - 12 Sep / 1 Oct (1-10) Duck R Unit (RS, VS, AT). **White-rumped Sandpiper**: 16 Aug (1) Duck R Unit (RS, VS). **Buff-breasted Sandpiper**: 31 Aug - 12 Sep (1-3) Duck R Unit (CBz, RS, m.ob.); 12-22 Sep (2-4) Bark Camp Barrens sod farm (SNM). **Western Sandpiper**: 25 Aug (5) Duck R Unit (RS, VS, AT). **Long-billed Dowitcher**: 1 / 15 Oct (1 / 4) Duck R Unit (RS). **Willet**: 22-24 Aug / 6 Sep (3 / 1) Duck R Unit (RS, m.ob.). **Wilson's Phalarope**: 24-25 Aug (3) Duck R Unit (AT, RS, VS). **Red-necked Phalarope**: 6 Sep (1) Duck R Unit (VS, m.ob.); 16 Sep (1) Radnor L (GG, m.ob.). **Long-tailed Jaeger**: 25 Aug (1 im) Duck R Unit (RS, VS, AT, photo); 26 Oct (1 im) Old Hickory L (GG, photo); 9th and 11th state records (also see Ridge and Valley region). **Laughing Gull**: 7 / 9 Sep (1 im / 1 ad) Duck R Unit (RS); 24 Sep (1 ad, 1 im) Pickwick L (RS); 8-16 Oct (1 im) Duck R Unit (RS); 12 / 26 Oct (1) Pickwick L (RS, VS). **Franklin's Gull**: 14 / 26 Sep (1 / 5) Tennessee R, Humphreys Co (RS, VS); 16 Oct - 9 Nov (1-12) Duck R Unit (RS, AT); 22-26 Oct (27-60) Pickwick L (RS, VS); 27 Oct / 7 Nov (23 / 1) Old Hickory L (GG et al.); 29-30 Nov (1) Percy Priest L (GG). **Lesser Black-backed Gull**: 22 Sep - 26 Oct (1-2 im) Pickwick Dam (RS, VS); 30 Nov (1 im) Percy Priest L (GG, MS). **Black Tern**: 7 Aug (1) Old Hickory L (GG); 9 / 23 Sep (4 / 8) Duck R Unit (RS / AT). **Common Tern**: 23 Sep (1) Duck R Unit (AT). **Forster's Tern**: 26 Oct (17) Pickwick L (RS, VS), max.

Loon - Falcon: **Red-throated Loon**: 13-23 Nov (1) Duck R Unit (RS, AT); 19 Nov (1) Woods Reservoir (RS, VS); 30 Nov (2) Percy Priest L (GG, MS). **Pacific Loon**: 27-30 Nov (1-2) Percy Priest L (GG, RS, VS, MS, Richard Connors). **BROWN BOOBY**: 30 Aug (1 ad) Duck R Unit (photo by commercial fishermen forwarded to eBird / AT), the bird moved to Pickwick L (RS, VS, photo), 3rd state record. **Neotropic Cormorant**: 20 Aug - 3 Sep (1) Percy Priest Dam (GG, photo, m.ob.); 24 Aug / 24-27 Oct (1) Cross Cr NWR (JH et al.); 7 / 24 Sep (1) Duck R Unit (CAS / AT). **Anhinga**: 6 Aug (1) Duck R Unit (GG). **American White Pelican**: 9 Aug / 11 Sep (1) Fowler Rd, Lincoln Co (Daniel Snell / Damien Simbeck);

5 Oct (140) Perry Co (RS); 8 Oct (250) Duck R Unit (RS); 13 Oct - 1 Nov (500-700) Cross Cr NWR and vicinity (SA, JH); 22 Oct (56) Drake's Cr, Old Hickory L, Sumner Co (JWb); 11-25 Nov (up to 90) Pickwick L (RS, VS); 15 Nov (95) Fall Cr Rec Area, Percy Priest L, Rutherford Co (Richard Connors); 29 Nov (2) Woods Reservoir (JH). **Little Blue Heron**: 16 Oct (1 im) Cross Cr NWR (JH), lrs. **Cattle Egret**: 30 Oct (1) Old Hickory L (FF, GG); 28 Nov (1) Duck R Unit (RS), lrs. **Yellow-crowned Night-Heron**: 12 Oct (1 im) Pickwick L (RS), lrs. **White Ibis**: thru 16 Aug (2 im) Duck R Unit (RS, m.ob.); thru 10 Aug (2 im) Barkley WMA, Stewart Co (m.ob.); 25 Aug (2 im) Franklin Co (Angus Pritchard); 27 Aug (1 im) Cross Cr NWR (AL, DR, CBz). ***Plegadis* sp.**: 2 Sep (8) Duck R Unit (RS, VS). **Swallow-tailed Kite**: 18 Aug (1) Hwy 431, south of Fayetteville, Lincoln Co (Daniel Snell, photo). **Golden Eagle**: 26 Oct (1) Pickwick L (RS, VS); 11 Nov (1) Cross Cr NWR (Stefan Woltmann); 15 Nov (1) Duck R Unit (RS). **Northern Harrier**: 21 Aug (1) Duck R Unit (RS), ers. **Sharp-shinned Hawk**: 17 Aug (1) Davidson Co (GG), ers. **Mississippi Kite**: 7 Aug (2) Nixon, Hardin Co (Randy Schultz); 21 Aug (10) Clarksville, Montgomery Co (SY), max of several reports in that area; 3 Sep (8) Duck R Unit (RS, VS). **"Harlan's" Red-tailed Hawk**: 31 Oct (1) Tom's Cr, Perry Co (RS). **Merlin**: 30 Aug (1) Edgar Evins SP, DeKalb Co (Mark Taylor); additional reports from Bedford, Davidson, Humphreys, Perry, Rutherford, and Stewart Cos. **Peregrine Falcon**: 31 Aug - 8 Oct (1) Duck R Unit (RS, VS); 30 Sep (1) Manchester, Coffee Co (SNM); 26 Oct (1) Pickwick L (RS, VS); 16 Nov (1) Dover, Stewart Co (SA, JH).

Flycatcher - Blackbird: **Scissor-tailed Flycatcher**: 6 Sep (1) Eagleville, Rutherford Co (HB); 13 Sep / 23 Oct (1) Wartrace, Bedford Co (Melissa Turrentine); 13 Sep / 5-20 Oct (3 / 1) Murfreesboro, Rutherford Co (KB); 22 Sep (29, at roost) Clifton, Wayne Co (RS); 5 Oct (2) Lytle Cr Rd, Rutherford Co (Nancy Robb); 27 Oct / 2 Nov (4 / 1) Rockvale, Rutherford Co (KB). **Olive-sided Flycatcher**: 22 / 28 Aug (1) Perry Co (RS); 25 Aug (1) Duck R Unit (AT, RS, VS); 15 Sep (1) Shelby Park and Bottoms (MS, GG); 20 Sep (1) Palmyra, Montgomery Co (SY). **Yellow-bellied Flycatcher**: 23 Aug / 2-4 Sep / 1-5 Oct (1) Perry Co (RS, VS); 3 Sep (1) Radnor L (GG); 5 Sep (1) Gray's Landing (AL); 7 / 25-30 Sep (1) Cedars of Lebanon SP (JN, RN); 9 Sep (1) Duck R Unit (RS); 11 Sep (1) Warner Park, Davidson Co (GG); 12-14 Sep / 1 Oct (1) Radnor L (FF); 24 Sep (1) Savannah Bottoms, Hardin Co (RS). **Alder Flycatcher**: 5 / 15 Sep (1) Perry Co (VS, RS); 5 Sep (1) Duck R Unit (RS); 5 Sep (1) Gray's Landing (AL). **Yellow-throated Vireo**: 16 Oct (1) Radnor L (FF), lrs. **Fish Crow**: 18 Aug (1) Cross Cr NWR (DR, AL). **Tree Swallow**: 12 Nov (1) Percy Priest L (Abra Osorio), lrs. **Northern Rough-winged Swallow**: 5-15 Nov (4-2) Duck R Unit (RS), lrs. **Barn Swallow**: 3 Nov (1) marsh on Walter S. Davis Blvd, Nashville (MS), lrs. **Red-breasted Nuthatch**: 11 Oct (1) Edgar Evins SP, DeKalb Co (Micky Louis); 8 Nov (1) Jackson Co (MM); only reports. **Sedge Wren**: 26 Sep (1) Franklin, Williamson Co (JAr); 10 Oct (1) Shelby Park and Bottoms (FF). **Gray Catbird**: 18 Nov (1) Perry Co (AT) and (1) Williamson Co (JAr), lrs. **Purple Finch**: 12 Nov (1) Wayne Co (Jud Johnston), only report. **Pine Siskin**: 18 Oct (1) Clarksville, Montgomery Co (Stefan Woltmann), only report. **Lark Sparrow**: 3 Nov (2) Morrison, Warren Co (RSh, DSh). **LeConte's Sparrow**: 2 Nov (2) Duck R Unit (RS, VS, GG). **Nelson's Sparrow**: 31 Oct / 9 Nov (1) Duck R Unit (AT / RS). **White-**

throated Sparrow: 1 Aug (1) Centennial Park, Davidson Co (GG, photo), summering or early migrant? **Yellow-breasted Chat**: 1 Oct (1) Radnor L (FF), lrs. **Brewer's Blackbird**: 13 Nov (14) Duck R Unit (RS).

Warblers - Bunting: **Ovenbird**: 7 Nov (1) Nashville (Scott Block), lrs. **Northern Waterthrush**: 16 Aug (1) Duck R Unit (RS, VS), ers. **Golden-winged Warbler**: 6 Sep (1) Shelby Park and Bottoms (FF); 11-28 Sep (1-3) Perry Co (RS, VS); 14 Sep - 2 Oct (1-2) Radnor L (FF, m.ob.); 18 / 23 Sep (2 / 1) Humphreys Co (RS / AT); 21 Sep (1) Hickman Co (VS, AT); 22-24 Sep (1) Hardin Co (RS); 29 Sep (1) Rockvale, Rutherford Co (KB); 5 Oct (2) Perry Co (RS). **"Brewster's" Warbler**: 28 Sep (1) Perry Co (RS, photo on eBird). **Tennessee Warbler**: 5 Nov (1) Radnor L (HB et al.), lrs. **Mourning Warbler**: 4 Sep (1) Perry Co (RS); 5 Sep (1) Gray's Landing (AL); 9 Sep (1) Duck R Unit (AT); 21 Sep (1) Radnor L (CAS, JAr); 22 Sep (1) Cedars of Lebanon SP (JN, RN). **Kentucky Warbler**: 2 Oct (1) Radnor L (FF, GG), lrs. **Common Yellowthroat**: 17 Nov (1) Humphreys Co (VS), lrs. **Cape May Warbler**: 25 Sep (1) Cedars of Lebanon SP (JN, RN); 5 Oct (1) Montgomery Co (SY). **Magnolia Warbler**: 5 Nov (1) Radnor L (HB, Kathy Malone), lrs. **Black-throated Blue Warbler**: 24 Sep (1 female) Perry Co (VS); 25-29 Sep (1 female) Cedars of Lebanon SP (JN, RN); 14 Oct (1 male) Franklin, Williamson Co (JAr); 14-15 Oct (1 male) Radnor L (Sharon Cardin, GG). **Black-throated Green Warbler**: 30 Oct (1) Humphreys Co (AT), lrs. **Canada Warbler**: 2 Oct (1) Radnor L (Danny Shelton et al.), lrs. **Rose-breasted Grosbeak**: 14-15 Nov (1, at feeder) Smith Co (Chris Agee), lrs. **Blue Grosbeak**: 24 Oct (1) Perry Co (VS), lrs. **Indigo Bunting**: 11 Nov (1) Shelby Park and Bottoms (GG), lrs.

Locations: Bark Camp Barrens sod farm - Coffee Co; Cedars of Lebanon SP - Wilson Co; Cross Cr NWR - Stewart Co; Duck R Unit - unit of Tennessee NWR, Humphreys Co; Gray's Landing - Stewart Co; Old Hickory L - Davidson Co (unless specified otherwise); Percy Priest L - Davidson Co (unless specified otherwise); Pickwick L - Hardin Co; Radnor L - Davidson Co; Shelby Park and Bottoms - Davidson Co; Woods Reservoir - Franklin Co.

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CUMBERLAND PLATEAU / RIDGE and VALLEY REGION - - The first three months of the autumn season experienced temperatures well above average. In fact, September was the second hottest and second driest on record in the Tri-cities, which produced moderate drought conditions. However, this brief drought was erased by the wettest October on record. November temperatures were cooler than normal.

It was a remarkable season for waterbirds on Chickamauga Lake with sightings of Cinnamon Teal, Western Grebe, Long-tailed Jaeger, Franklin's Gull, and Pacific Loon. A Black-chinned Hummingbird banded in McMinn County was the fifth record in the region and the seventh in the state. A Yellow Rail found in restaurant landscaping in Johnson City was quite a surprise. An adult Common Gallinule feeding three young at Phipps Bend in Hawkins County provided one of few documented breeding records in the state away

from Reelfoot Lake. Extensive mudflats at Rankin Bottoms were not exposed until early September; but the site still hosted 22 species of shorebirds this autumn. An immature Sabine's Gull at Rankin Bottoms was the 14th state record, but just the second regional record. There were three separate reports of Swallow-tailed Kite.

A pair of Scissor-tailed Flycatchers apparently raised two broods of young this year, a rather rare event. Fish Crow, Common Raven, and Brown-headed Nuthatch continue to expand their ranges in the region. A Virginia's Warbler photographed in Union County was the state's second record; the first occurred earlier this year. Eight reports of Mourning Warbler were considerably more than average. Also notable were a Clay-colored Sparrow and a Lawrence's Warbler, the latter a rarely encountered recessive hybrid.

Goose - Crane: **Snow Goose**: 4 Nov (1) Grainger Co (MM); 9 Nov (1 blue) Soddy L, Hamilton Co (Luke Thompson, JR); 14 Nov (1) Cove Lake SP (Doug Mitchell); 16 Nov (1) Cherokee Farm, Knox Co (CJW). **Ross's Goose**: 11-18 Nov (1) near Johnson City (Dawn Peters / RLK); 18 Nov (1) Fountain City L, Knoxville (Shane Williams); 23 Nov (1) Hiwassee Refuge (RDH, DMy). **Greater White-fronted Goose**: 6-13 Sep (1) Rankin Bottoms (MBS, m.ob.); 24 Nov (1) Chester Frost Park (SKJ). **Cinnamon Teal**: 9 Nov (1 male) Chester Frost Park (Luke Thompson, JR, photo on eBird, m.ob.), with a Blue-winged Teal for comparison, red eye noted. **Ring-necked Duck**: 12 Sep (1) Chester Frost Park (DRJ), ers. **Greater Scaup**: 1 Nov (1) Eagle Bend (Laura Tappan, Howard Cox), ers. **Surf Scoter**: 25 Oct (1) Lakeshore Park on Emory R, Roane Co (RoK); 27 Oct (1) Ft Patrick Henry Lake, Sullivan Co (SQ, BFi). **White-winged Scoter**: 8 Nov (2) Fort Loudoun L (Laura Tappan, Bill Keeler, TH). **Common Merganser**: 27 Aug (2 female-type) Clinch R, downstream from Melton Hill Dam, Roane Co (Robert Hunt, photo); 26-29 Oct (10 female-type) South Holston R, Sullivan Co (RLK, RRK et al.); 3-5 Nov (1 female-type) Norris L, Union Co (MM, BSc); 8 Nov (2 female-type) Fort Loudoun L (Laura Tappan, Bill Keeler, TH); 22-23 Nov (1 female-type) Hiwassee R, Meigs Co (Chris Agee / RDH, DMy). **Red-breasted Merganser**: 23 Nov (121) Fort Henry L, Sullivan Co (BFi, SQ); 23 Nov (200) L Tansi, Cumberland Co (EKL). **Western Grebe**: 10 Nov (1) Chickamauga L (DRJ, m.ob.). **Yellow-billed Cuckoo**: 10 Nov (1) Chickamauga Dam (Barbara Johnson), lrs. **Black-billed Cuckoo**: 11 Oct (1) Signal Mtn, Hamilton Co (Luke Thompson); 13 Oct (1) Heritage Center Greenway, Roane Co (EBo). **Black-chinned Hummingbird**: 16 Nov into Dec (1 female, ba) McMinn Co (Mark Armstrong), 7th state record. **Rufous Hummingbird**: 10 Aug (1 ad male) Anderson Co (Pat Howard, photo), returning banded bird. **Common Nighthawk**: 15 Nov into Dec (4-5) UT campus, Knox Co (CJW). **Virginia Rail**: 19 Oct (2) Kyker Bottoms (EBo); 20 Oct - 17 Nov (1-3) Gupton Wetland (RoK, m.ob.). **Yellow Rail**: 1 Nov (1) Johnson City (FJA, Catherine Cummins), found in restaurant landscaping after sunset, flew and struck the side of a parked car, then was captured, photographed, and released at a pond edge; 2nd record in Northeast Tennessee. **Common Gallinule**: 24 Aug (1 ad feeding 3 yg) Phipps Bend, Hawkins Co (Tammy Griffey, Shane Falin, photo on eBird), with 1-2 ad thru 21 Sep; 4-6 Oct (1 im) Gupton Wetland (Robert Hunt, m.ob.); 24 Oct - 1 Nov (2-3) John Sevier L (SHu). **Whooping Crane**: 16 Nov thru season (1) Hiwassee Refuge, Meigs Co (m.ob.); 29 Nov (1) Sale Cr, Hamilton Co (SKJ).

Avocet - Tern: **American Avocet**: 7 Aug (1) John Sevier L (SHu); 6 Nov (1) Chickamauga L (SKJ). **American Golden-Plover**: 5-26 Sep (1-6) Rankin Bottoms (RLK, RRK, m.ob.); 18 Sep (1) Ponderosa L, Scott Co (BDu). **Ruddy Turnstone**: 13 Sep (1) Rankin Bottoms (Jeffrey Bailey, photo). **Stilt Sandpiper**: 6-24 Sep (1-3) Rankin Bottoms (MBS, RLK, m.ob.). **Sanderling**: 30 Aug -13 Sep (1-4) Rankin Bottoms (MBS, RLK, RRK, m.ob.); 3-12 Sep (1) Alcoa, Blount Co (VW, m.ob.); 3-10 Oct (1) Upper Douglas L (MBS). **Dunlin**: 10 Oct / 11 Nov (3 / 5) Upper Douglas L (MBS / MM); 11 Nov (3) Holston R, Hawkins Co (SHu); 19 Nov (1) Chester Frost Park (SKJ). **Baird's Sandpiper**: 6-19 Sep (1-4) Rankin Bottoms (MBS, RLK, m.ob.); 18 Sep (1) Ponderosa L, Scott Co (BDu). **White-rumped Sandpiper**: 6-8 Sep (1) Rankin Bottoms (MBS, m.ob.). **Buff-breasted Sandpiper**: 8-24 Sep (1-5) Rankin Bottoms (CJW, RLK, m.ob.); 10 Oct (1) Upper Douglas L (MBS). **Pectoral Sandpiper**: 20 Nov (1) Eagle Bend (Karen Eagle, photo), lrs. **Western Sandpiper**: 13 Sep (1) Rankin Bottoms (Jeffrey Bailey); 10 Oct (1) Upper Douglas L (MBS). **Short-billed Dowitcher**: 22 Aug (2) Cove Lake SP (NeM); 20-24 Sep (1-2) Rankin Bottoms (EBo, m.ob.). **Long-billed Dowitcher**: 10 Oct (1) Upper Douglas L (MBS); 29 Oct - 5 Nov (1) Eagle Bend (Bates Estabrooks, m.ob., photos and audio on eBird). **Spotted Sandpiper**: 14 Nov (1) Sequoya Park, Knox Co (Howard Haysom); 16 Nov (1) Kingston, Roane Co (RoK); lrs. **Solitary Sandpiper**: 22 Oct (1) Grainger Co (David Buehler), lrs. **Greater Yellowlegs**: 12-14 Nov (1) Paddle Cr Pond, Sullivan Co (RRK, JDA et al.); 14 Nov (1) Ish Cr Bay on Fort Loudoun L, Blount Co (Kathryn Barrow); 17 Nov (1) Corryton, Knox Co (John O'Barr). **Wilson's Phalarope**: 20 Sep (1) Rankin Bottoms (EBo). **Long-tailed Jaeger**: 23 Sep (1) Chickamauga L (DRJ, m.ob., photos), 1st jaeger record for Hamilton Co and 10th in the state. **Sabine's Gull**: 12 Sep (1 im) Rankin Bottoms (MM, BSc, EBo et al., photos on eBird). **Laughing Gull**: 27 Aug (1 im) Fort Loudoun L (Doug Raybuck, m.ob.). **Franklin's Gull**: 27 Sep / 27 Oct (1) Chickamauga L (KAC / JR). **Black Tern**: 22 Aug (8) Fort Loudoun L (RW, m.ob.); 27 Aug / 23 Sep (4 / 1) Chickamauga L (BD / DRJ). **Common Tern**: 27 Oct (1) Chickamauga L (JR). **Forster's Tern**: 4 Nov (1) John Sevier L (SHu), lrs.

Loon - Falcon: **Red-throated Loon**: 19 Nov (1) Chickamauga L (RS, VS). **Pacific Loon**: 12 Nov (1) Chickamauga L (DRJ). **Common Loon**: 9 Sep (1) Watts Bar L, Roane Co (RoK), likely continuing from summer. **American White Pelican**: 3 Nov (20) Hiwassee Refuge, Meigs Co (Charles Murray), ers, with up to 400 present in vicinity by month's end (m.ob.); 8 Nov (35) Chickamauga L (SKJ); 26-27 Nov (1) farm pond in Cumberland Co (EKL). **American Bittern**: 26 Oct (1) Kyker Bottoms (VW); 24-28 Nov (1) Cove Lake SP (Ron Shrieves, m.ob.). **Great Egret**: 28 Nov (47) South Mouse Cr, Bradley Co (Michael Brothers), good number this late. **Snowy Egret**: 27 Oct (1) Chickamauga L (JR). **Little Blue Heron**: thru 2 Aug (1 im) Brainard Levee, Hamilton Co (BD); 12 Aug / 5-7 Sep (2 im / 1 im) Rankin Bottoms (Jonathan Castro / RLK, RRK, m.ob.); 9 Sep (1 im) Standifer Gap Marsh, Hamilton Co (DRJ); 26 Sep - 9 Oct (1 im) John Sevier L (SHu). **Cattle Egret**: 1 Nov (1) Cove Lake SP (NeM) and (1) John Sevier L (SHu); lrs. **Green Heron**: 9-12 Nov (1) Holston R, Hawkins Co (SHu); 29 Nov (1) Knoxville (Doug Mitchell), lrs. **Yellow-crowned Night-Heron**: thru 25 Oct (1) Maryville Greenway (Evan Kidd), lrs. **White Ibis**: 10 Aug (1 im) Greenback, Loudon Co (Evan Kidd, m.ob.); 28 Aug (1 ad) Gupton Wetland (Robert Hunt,

photo); 8-19 Sep (1-3 im) Rankin Bottoms (KW, m.ob.). **Swallow-tailed Kite**: 4-12 Aug (4-8) Stone Cave Rd, Sequatchie Co (RSh, DSh, m.ob.); 8 Aug (2) Ninemile Crossroad, Bledsoe Co (RSh, DSh); 7 Sep (1) Rankin Bottoms (BSc, MM, Bill Keeler). **Merlin**: 14-27 Aug (1) Eagle Bend (Bates Estabrooks, m.ob.), ers; with additional reports 25 Sep thru season from Blount, Campbell, Cumberland, Greene (2), Hawkins, Knox (5), Roane (2), Scott, Sullivan, and Washington Cos. **Peregrine Falcon**: 5-19 Sep (1) Rankin Bottoms (RLK, RRK, m.ob.); mid Sep thru season (1) Chickamauga Dam (m.ob.); 23 Sep (1) Bristol, Sullivan Co (Ron Carrico); 2 Oct (1) Watts Bar L, Rhea Co (RSh, DSh); 6 Oct (1) Bledsoe Co (RSh, DSh); 19 Oct (1) John Sevier L (SHu); 29 Oct (1) Knoxville (MM).

Flycatcher - Oriole: **Scissor-tailed Flycatcher**: 19 Aug (2 ad, 2 yg in nest) Ninemile Crossroad, Bledsoe Co (RSh, DSh, photo), 2nd brood at this site this year (5 fledged yg on 29 Jun). **Olive-sided Flycatcher**: 19 Aug (1) Scott Co (BDu); 4 Sep (1) Cove Lake SP (NeM); 7 Sep (1) Lakeshore Park, Roane Co (RoK). **Yellow-bellied Flycatcher**: 14 Sep (1 ba) Grainger Co (David Buehler); 19 / 27 Sep (1) Washington Co, separate sites (RLK). **Red-eyed Vireo**: 22 Oct (1) Union Co (Dean Turley), lrs. **Fish Crow**: 6 Aug (1) Patriot Park, Pigeon Forge, Sevier Co (KW). **Common Raven**: 23 Oct (1) Seven Islands SP (MM et al.); 10 Nov (1) John Sevier L (SHu). **Tree Swallow**: 13 Sep (5,000) Rankin Bottoms (KW), max; several Nov records, with 16-27 Nov (1-3) Seven Islands SP (Melinda Fawver, EBo, Doug Mitchell), lrs. **Barn Swallow**: 5 Nov (1) Louisville Point Park, Blount Co (TH), lrs. **Brown-headed Nuthatch**: 18 Oct (3) John Sevier Combined Cycle Plant, Hawkins Co (SHu), 1st Co record; 4 Nov (2) Norris L, at Arnwire Rd, Grainger Co (MM); 9 Nov (3) Cherokee L, at Merrill Cemetery / TVA access, Grainger Co (SHu). **Sedge Wren**: 17 Oct (2) Gupton Wetland (RoK); 19 Oct (1) Kyker Bottoms (EBo); 5 Nov (1) Standifer Gap Marsh, Hamilton Co (DRJ). **Marsh Wren**: 2 Sep (1) Gupton Wetland (RoK), ers. **Blue-gray Gnatcatcher**: 25 Nov (1) Forks of the River WMA, Knox Co (Ron Shrieves); 26 Nov (1) Seven Islands SP (Jacob Wessels), lrs. **Gray Catbird**: 23 Nov (1) Crossville, Cumberland Co (EKL), lrs. **Purple Finch**: 5-6 Nov (2) Sullivan Co (Glen Eller), only report. **Pine Siskin**: 26 Sep (1) Lookout Mtn (BD). **Grasshopper Sparrow**: 19 Oct (1) Kyker Bottoms (EBo), lrs. **Lark Sparrow**: 24 Aug (1) Kingsport (BFi, SQ et al.). **Clay-colored Sparrow**: 26-27 Oct (1) Seven Islands SP (Karen Eagle, m.ob., photos on eBird). **Henslow's Sparrow**: 10-11 Nov (1) Riverport Fields, Hamilton Co (KAC). **Baltimore Oriole**: 13 Oct (1) Heritage Center Greenway (RoK), lrs.

Warbler - Bunting: **Ovenbird**: 9-13 Nov (1) Seymour, Sevier Co (Mark Armstrong), lrs. **Golden-winged Warbler**: 5-26 Sep (4 reports of 1) Lookout Mtn (BD); 6 Sep (1) Enterprise South Nature Park, Hamilton Co (N. Wright); 7 Sep (1) Norris Dam SP, Anderson Co (Tony Headrick); 17 Sep (1) Campbell Co (NeM); 17 Sep - 2 Oct (6 reports of 1-2) Cumberland Co (EKL); 20 Sep (1) Johnson City (RLK). **"Lawrence's" Warbler**: 22 Sep (1 male) Point Park, Lookout Mtn (BD). **VIRGINIA'S WARBLER**: 6 / 12-13 Oct (1) Luttrell, Union Co (Dean Turley, photos on eBird), 2nd state record. **Mourning Warbler**: 7 Aug (1) Scott Co (BDu), new early fall arrival date in region; 26 Aug (1) Morristown, Hamblen Co (Kirk Huffstater); 4 / 25-30 Sep (1 im / 1 ad) Johnson City (RLK / BFi, SQ, m.ob.); 28 Sep (1) Gupton Wetland (RoK); 30 Sep - 1 Oct (1) Maryville Greenway (Harumi Umi, m.ob.); 8 Oct (1) Pistol Cr

Wetland, Maryville (Doug Raybuck); 20 Oct (1 ba) Seven Islands SP (Mark Armstrong). **Common Yellowthroat**: 18 Nov (1) Kingsport (BFi, SQ), lrs. **Cerulean Warbler**: 7 Aug (8) Point Park, Lookout Mtn (BD), max, with 50+ migrants for the season thru 10 Sep at this site; 25 Aug (1) Kingsport (BFi, SQ), rare in Northeast Tennessee in recent years. **Northern Parula**: 26 Oct (1) Knox Co (Michael Ryon), lrs. **Bay-breasted Warbler**: 29 Oct (1) Signal Mtn, Hamilton Co (Pixie Lanham, Gary Lanham), lrs. **Blackburnian Warbler**: 23 Oct (1) Lakeshore Park, Roane Co (RoK), lrs. **Black-throated Blue Warbler**: 26 Sep (1) Seven Islands SP (KW); 29 Sep (1) Johnson City (Wendy Williams); 13 Oct (1) Haw Ridge Park, Anderson Co (John Diener). **Yellow-throated Warbler**: 16 Oct (1) Warrior's Path SP, Sullivan Co (BF), lrs. **Black-throated Green Warbler**: 30 Oct (1) Lookout Mtn (BD), lrs. **Canada Warbler**: 4 Oct (1) Maryville (BSc et al.), lrs. **Indigo Bunting**: 8 Nov (1) Kyker Bottoms (RW) and (1) Seven Islands SP (Evan Kidd); lrs.

Addendum: **Gray Catbird**: 27 Sep 2016 (1, window kill) UT Chattanooga, Hamilton Co (David Aborn), had been banded 14 Aug that same year in Portage, Michigan.

Locations: Chester Frost Park - Hamilton Co; Chickamauga L - Hamilton Co; Cove Lake SP - Campbell Co; Eagle Bend - fish hatchery in Anderson Co; Fort Loudoun L - Blount and Knox Cos; Gupton Wetland - Roane Co; John Sevier L - Hawkins Co; Kingsport - Sullivan Co; Kyker Bottoms - Blount Co; Lookout Mtn - Hamilton Co; Maryville - Blount Co; Rankin Bottoms - Cocke Co; Seven Islands SP - Knox Co; Upper Douglas L - Cocke Co.

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EASTERN MOUNTAIN REGION - - It was generally a hot period with 29 days that the daily high temperature was 90 degrees or above. September was the second hottest on record, but November was a little cooler than normal. Overall, the period was wetter than usual with rainfall over 4 inches above normal. However, September was the second driest on record with barely a half inch of rain. October followed with record rainfall of 6.6 inches.

Lesser Black-backed Gull was unusual at South Holston Lake. Two Swallow-tailed Kites spent the last half of August in a mountain valley in Blount County. Lapland Longspur was notable in Cades Cove, as were returning Short-eared Owls.

Bird banding operations again were conducted at Big Bald Mountain and Whigg Meadow. At Big Bald hawks, falcons, and Northern Saw-whet Owls were banded in addition to songbirds. Both stations banded higher numbers of songbirds relative to previous years. Indeed, all time high numbers of Black-throated Green Warblers (112) and Blackburnian Warblers (51) were banded at Big Bald. However, low numbers of Northern Saw-whet Owls were captured at Big Bald, with two banded plus one recapture from a previous year. Incidentally, of the 40+ Saw-whet Owl nest boxes on Big Bald, none were used by owls in 2019. At Whigg Meadow good numbers of Golden-winged Warblers (9) and Blue-winged Warblers (5) were banded, and the station recorded its first ever Dickcissel. Also of note, both stations banded Swainson's Warblers, a species rarely detected by any method in fall.

Banding summaries follow.

Big Bald Mountain, Unicoi County: August thru October (2994 birds of 61 species banded), Mark Hopey, head bander. Top species banded: Tennessee Warbler (556), Swainson's Thrush (402), Black-throated Blue Warbler (382), Dark-eyed Junco (285), Bay-breasted Warbler (222).

Whigg Meadow, Monroe County: 31 August thru 5 October (2554 birds of 56 species banded), Scott Rush, head bander. Top species banded: Tennessee Warbler (712), Magnolia Warbler (284), Swainson's Thrush (234), Black-throated Blue Warbler (155), Chestnut-sided Warbler (139).

Big Bald Mountain hawk banding operation: September thru October (96 birds of 7 species banded), Mark Hopey, head bander. Species banded: Sharp-shinned Hawk (72), Merlin (9), Cooper's Hawk (7), Northern Harrier (2), Red-tailed Hawk (2), American Kestrel (2), Peregrine Falcon (2).

Table 1. Fall Hawkwatch Totals for Big Bald Mtn (Mark Hopey et al.), Sep - Oct 2019.

Species	Number
Turkey Vulture	194
Black Vulture	3
Osprey	2
Golden Eagle	2
Northern Harrier	11
Sharp-shinned Hawk	247
Cooper's Hawk	31
Bald Eagle	7
Broad-winged Hawk	1069
Red-tailed Hawk	29
American Kestrel	44
Merlin	65
Peregrine Falcon	9
Unknown	34
Total:	197 vultures, 1553 hawks and falcons.

Goose - Tern: **Snow Goose**: 21 Nov into Dec (1) Unicoi Co (Bryan Stevens, m.ob.). **Common Meganser**: 26 Sep (3 female-type) South Holston L (RLK); 22 Nov (2 female-type) Little R, near Walland, Blount Co (RW). **Horned Grebe**: 7 Sep (1) South Holston L (SQ, BFi), rather early. **Mourning Dove**: 9 Aug (1) Clingman's Dome, GSMNP (VW); thru Sep (1-2) Carver's Gap on Roan Mtn (RLK); unusual at high elevation. **Black-billed Cuckoo**: 22 Sep - 2 Oct (4 ba) Big Bald Mtn (MEH). **Eastern Whip-poor-will**: 3 Oct (1) Buffalo Mtn (LCM), lrs. **Virginia Rail**: 12 Oct (1) Shady Valley (Debi Campbell et al.). **Sanderling**: 5-7 Sep (2) South Holston L (Brookie Potter, Jean Potter, m.ob.). **Laughing Gull**: 27 Aug (3 im)

South Holston L (RLK et al.). **Herring Gull**: 8 Nov (1 im) South Holston L (RLK), only report. **Lesser Black-backed Gull**: 27 Aug (1 ad) South Holston L (RLK et al.), 5th record in Northeast Tennessee and 4th at this site. **Black Tern**: 20 / 27 Aug (2 / 1) South Holston L (RRK et al. / RLK). **Caspian Tern**: 20 Aug / 16 Sep (1) South Holston L (RRK et al. / RLK). **Forster's Tern**: 20 / 23 Aug (1 / 2) South Holston L (RRK et al. / RLK).

Loon - Falcon: **Common Loon**: 5 Oct (1) Watauga L, Johnson Co portion (TSM, Cathy McNeil), ers. **Snowy Egret**: 16 Oct (1) South Holston L (RLK), new late date in Northeast Tennessee. **Swallow-tailed Kite**: 17-28 Aug (1-2) Millers Cove Rd, Blount Co (Mitzi Lea Hall fide RW, m.ob.). **Northern Goshawk**: 28 Oct (1 im) Buffalo Mtn (LCM). **Bald Eagle**: 8 Oct (1) Shady Valley (RRK, JDA et al.); 4 Nov (2) Cades Cove, GSMNP (Billie Knight). **Broad-winged Hawk**: 19 Sep (830 in 15 minutes) Buffalo Mtn (LCM). **Barn Owl**: 3 Oct (1) Shady Valley (RLK, Jacki Hinshaw). **Short-eared Owl**: 15 Nov (2) Cades Cove, GSMNP (NeM). **Red-headed Woodpecker**: 10 Sep (1) Carver's Gap on Roan Mtn (RRK et al.). **Merlin**: 14 Sep (1) Cades Cove, GSMNP (VW); 23 Sep (1) Look Rock, Blount Co (Shane Williams); 26 / 28 Sep (1) Unaka Mtn, Unicoi Co (RRK et al.); 28 Sep (2) Roan Mtn (RLK); 1 Oct (1) Watauga L, Carter Co portion (RLK); 1 Oct (1) Dry Hill, Johnson Co (RLK); 1 / 10 Oct (1) Shady Valley (RRK et al. / RLK); 5 Oct (1) Mountain City, Johnson Co (TSM, Cathy McNeil); 5 Oct (1) Ripshin L (FJA, KCB); 8 Oct (1) Pittman Center (KW); 5 Nov (1) South Holston L (RRK, JDA et al.); 14-15 Nov (1) Cades Cove, GSMNP (Susan Lanier / Kathryn Barrow). **Peregrine Falcon**: 15 Aug (1) Roan Mtn (RLK); 27 Aug (1) Little Tennessee R, Monroe Co (RDH, DMy); 31 Aug (2) Alum Cave Bluff, GSMNP (Betsy Evans); 5 Oct (1) Ripshin L (FJA, KCB); 17 Oct (1) Unaka Mtn, Unicoi Co (FJA); 20 Oct (1) South Holston L (RLK); 12 Nov (1) Erwin, Unicoi Co (Robert Bowker).

Flycatcher - Waxwing: **Olive-sided Flycatcher**: 27 Aug (1) Cades Cove, GSMNP (Warren Bielenberg); 11 Sep (1) Pittman Center (KW). **Eastern Wood-Pewee**: 25 Oct (1) Pittman Center (KW), lrs. **Yellow-bellied Flycatcher**: 16 / 21 Sep (1 ba each date) Whigg Meadow (SAR). **Alder Flycatcher**: 15 Aug (1) Roan Mtn (RLK), lrs. **White-eyed Vireo**: 29 Oct (1) Shady Valley (RLK), lrs. **Philadelphia Vireo**: 1 / 26 Sep (1 ba each day) Whigg Meadow (SAR); 16 Sep (1) Simerly Cr, Carter Co (TSM); 20 Sep / 23 Oct (1) Pittman Center (KW); 25 Sep (1) Shady Valley (RLK). **Red-eyed Vireo**: 24 Oct (1) Emert's Cove, Sevier Co (KW); 25 Oct (1, found freshly dead) Holston Valley, Sullivan Co (Richard Lewis), lrs. **Common Raven**: 5 Aug (4) Cherokee National Forest, Polk Co (RSh, DSh). **Bank Swallow**: 26 Sep (2) South Holston L (RLK). **Sedge Wren**: 8 Oct (1) Shady Valley (RRK, JDA et al.). **Marsh Wren**: 3-8 / 29 Oct (1) Shady Valley (RLK, m.ob.). **Hermit Thrush**: 15 Aug (1 recently fledged yg) Roan Mtn (RLK). **Cedar Waxwing**: 28-29 Sep (nest with 2 large yg) Carver's Gap on Roan Mtn (RLK, m.ob.), five weeks later than late date for nestlings in state.

Crossbill - Dickcissel: **Red Crossbill**: thru season (up to 25+) Roan Mtn (RLK, m.ob.); 9 Aug - 6 Oct (2-6) Clingman's Dome to Newfound Gap, GSMNP (VW, EBo, Bates Estabrooks, m.ob.); thru season (4-13) Cades Cove, GSMNP (m.ob.). **Pine Siskin**: 3 Sep (2) Clingman's Dome, GSMNP (EBo); thru season (1-7) Roan Mtn (RLK, m.ob.). **Lapland Longspur**: 12 Nov (1) Cades Cove, GSMNP (Bob Howdeshell, photo on eBird). **Grasshopper Sparrow**:

10 Oct (1) Shady Valley (RLK); 12 Nov (1) Cades Cove, GSMNP (Kathryn Barrow, photo), lrs. **Vesper Sparrow**: 3 Sep (1) Roan Mtn (RLK); 14 Nov (1) Cades Cove, GSMNP (Billie Knight). **Lincoln's Sparrow**: 3-15 Oct (1-3) Shady Valley (RLK, m.ob.); 7 Oct (2) Hampton Cr Cove, Carter Co (Robert Bowker). **Bobolink**: 3 / 8 Oct (1) Shady Valley (RLK, Jacki Hinshaw / RRK et al.), only reports. **Rusty Blackbird**: 17 Nov (1) Cades Cove, GSMNP (Michael Crouse), only report. **Golden-winged Warbler**: 31 Aug - 3 Oct (9 ba) Whigg Meadow (SAR). **Blue-winged Warbler**: 3 Sep - 1 Oct (5 ba) Whigg Meadow (SAR). **Swainson's Warbler**: 20 Aug / 2 Sep (1 ba each day) Big Bald Mtn (MEH); 2 Oct (1 ba) Whigg Meadow (SAR), station first. **Orange-crowned Warbler**: 29 Sep (3 ba) Big Bald Mtn (MEH). **Mourning Warbler**: 8 Sep (1 ba) Big Bald Mtn (MEH). **Kentucky Warbler**: 5 Oct (1) Ripshin L (FJA, KCB), lrs. **Cerulean Warbler**: 25 Sep (1) Shady Valley (RLK). **Blackburnian Warbler**: 25 Oct (1 ba) Holston Valley, Sullivan Co (Richard Lewis), lrs. **Blackpoll Warbler**: 25 Sep (1) Shady Valley (RLK); 5 Oct (4) Ripshin L (FJA, KCB). **Palm Warbler**: 16 Nov (1, Yellow Palm) Cades Cove, GSMNP (VW). **Indigo Bunting**: 6 Nov (1) Cades Cove, GSMNP (MM et al.), lrs. **Dickcissel**: 14 Sep (1 ba) Whigg Meadow (SAR), station first.

Addendum: **Magnolia Warbler**: 12 Jul 2019 (1 ad male with 2 recently fledged yg) Roan Mtn (Will Johnson, photo on eBird), seen at the Balsam Rd pulloff just barely on the NC side; this provides the first unequivocal breeding evidence for this species on Roan Mtn.

Locations: Big Bald Mtn - Unicoi Co; Buffalo Mth - Washington Co; GSMNP - Great Smoky Mtns National Park; Pittman Center - Sevier Co; Ripshin L - Carter Co; Roan Mtn - Carter Co; Shady Valley - Johnson Co; South Holston L - Sullivan Co; Whigg Meadow - Monroe Co.

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KW - Keith Watson
JWb - Jerry Webb
CJW - Chris J. Welsh
VW - Valerie Wininger
RW - Randy Winstead
SY - Stanley York, Jr.

PHOTO GALLERY

Editor's Note: The Migrant will start to include a Photo Gallery at the end of some issues, as opportunity and space in the issue allows. The submission of photos is open to anyone. Photos should be of Tennessee birds and the picture taken in Tennessee. Relevant field marks should be easily seen in the picture. Pictures that include native habitats and plants are preferred but not required. The name of the bird and the name of the photographer and county are required. Those interested can submit one or multiple pictures to editorthemigrant@gmail.com.

Yellow-throated Warbler (*Setophaga dominica*), Fayette County, Tennessee. Photo by Georges McNeil.

White-breased Nuthatch (*Sitta carolinensis*), Shelby County, Tennessee. Photo by Georges McNeil.

INSTRUCTIONS TO AUTHORS

The Migrant records observations and studies of birds in Tennessee and adjacent areas.

SUBMISSIONS: The manuscript should be submitted electronically to Bob Ford at editorthemigrant@gmail.com. Submission of hard copies is optional. If so desired the original and two copies of the manuscript should be sent to the: Editor: Bob Ford, 808 Hatchie, Brownsville, TN 38012. Manuscripts that have been published in other journals should not be submitted.

MATERIAL: The subject matter should relate to some phase of Tennessee ornithology. It should be original, factual, concise and scientifically accurate.

STYLE: Both articles and short notes are solicited; recent issues of *The Migrant* should be used as a guide in the preparation of manuscripts. Where more detail is needed, reference should be made to *Scientific Style and Format*, eighth edition, by the Council of Science Editors, councilscienceeditors.org.

COPY: Manuscripts should be double-spaced with adequate margins for editorial notations and emailed in Word.docx. Tables and figures should be prepared in a separate file with appropriate headings; see *Scientific Style and Format* for examples of appropriate form for tables. Photographs intended for reproduction should be at least 300 dpi or sharp with good contrast on glossy white paper. Weights, measurements, and distances should be in metric units. Dates should be in "continental" form (e.g., 16 March 1997). Use the 24-hour clock (e.g., 0500 or 1900).

NOMENCLATURE: The scientific name of a species should be given after the first use of the full common name in the text. The scientific name should be italicized and in parentheses. Names should follow the *A. O. U. Check-list of North American Birds* (seventh edition, 1998, or supplements).

TITLE: The title should be concise, specific and descriptive.

ABSTRACT: Manuscripts of five or more pages should include an abstract. The abstract should be less then 5% of the length of the manuscript. It should include a brief explanation of why the research was done, the major results, and why the results are important.

LITERATURE CITED: List all literature citations in a "Literature Cited" section at the end of the text. Text citations should include the author and year.

IDENTIFICATION: Manuscripts including reports of rare or unusual species or of species at atypical times should include: date and time, light and weather conditions, exact location, habitat, optical equipment, distance, behavior of bird, comparison with other similar species, characteristic markings, experience of observer, other observers verifying the identification and reference works consulted.

REPRINTS: Reprints are available to authors on request. Billing to authors will be through the TOS treasurer. Request for reprints must be made well in advance of printing.

SEASON REPORTS: Observations that are to be considered for publication in "The Season" should be mailed to the appropriate Regional Compiler. Consult a recent issue of *The Migrant* for the name and address of the compiler.

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